

Schlumberger

SCHLUMBERGER OF CANADA Calgary Alberta

BOREHOLE COMPENSATED SONIC LOG

PROVINCE YUKON TERRITORIES
 FIELD WILDCAT
 WELL CHEVRON SOBC WM N PARKIN
 YD D-61
 COMPANY CHEVRON STANDARD LIMITED

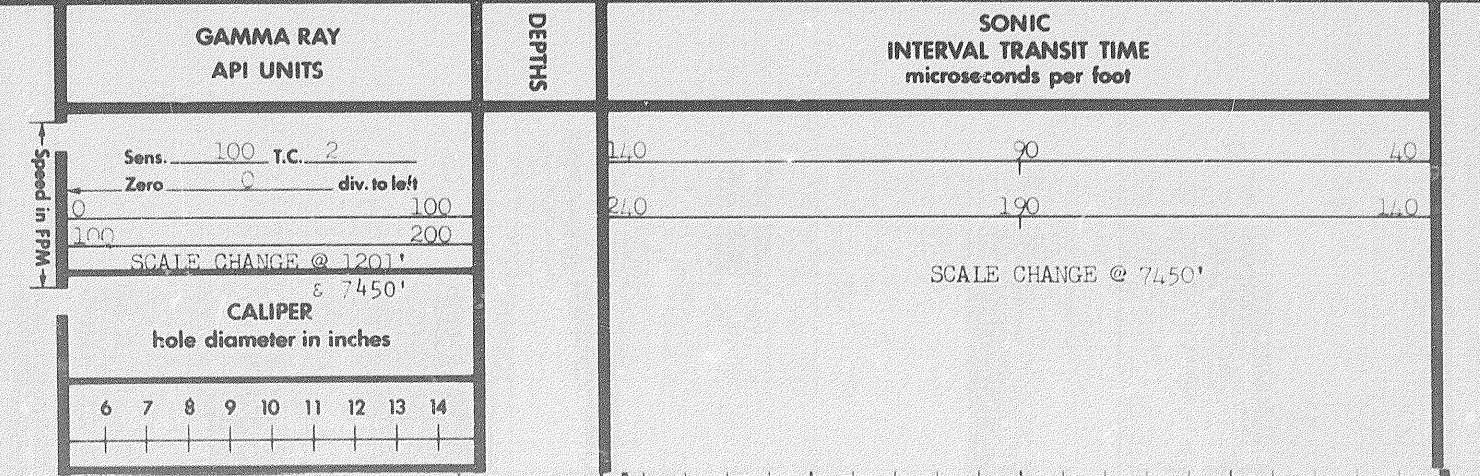
COMPANY CHEVRON STANDARD LIMITED
 WELL CHEVRON SOBC WM N PARKIN YD
 D-61
 FIELD WILDCAT
 PROVINCE YUKON TERRITORIES
 LOCATION 66° 20' 12" N LAT
 137° 13' 01" W LONG
 Permanent Datum GL Elev. 1590
 Log Measured from KB 15 Ft. Above Perm. Datum
 Other Services: FDC-GR,
 SMP, MLC, CST, DIL
 ELEV: KB 1605
 GL 1590
 CBF

| | | |
|----------------|-------------------|---------------|
| Date | 19 JAN 72 | 29 APR 72 |
| Run No. | ONE | TWO |
| First Reading | 1201 | 10998 |
| Last Reading | 0 | 1202 |
| Feet Measured | 1201 | 9796 |
| Depth Reached | 1207 | 11001 |
| Bottom Driller | 1210 | 11000 |
| Cap. SOC | 1/4 | 1202 |
| Cap. Driller | 90 | 1204 |
| Mud Name | GEL-FRESH WATER | GEL |
| Dens. Visc. | 9.3 | 11.0 |
| Mud pH | - | 9.5 |
| Water Loss | - | 5.7 |
| Res. @ BHT | 7.15 @ 63 | RMKS @ |
| Res. @ | 7.15 @ 64 | @ |
| Res. @ | 2.32 @ 58 | @ |
| Res. @ | 3.29 @ 80 | @ |
| Bit Size | 17 1/2" - 12 3/4" | 8 3/4" |
| Spoon | 2 | 2 |
| Op. Rig Time | 3-5 HRS | OSU-C-108 REM |
| Truck No. | OSU-C-108 RDM | OSU-C-108 REM |
| Recorded By | WILSON | STIEHMER |
| Witness | POLLARD | POLLARD |

18 MAY 72 CAL. 4E
 REMARKS 1st Run Service Order # 7783
 Drilling Stopped 0130 / 19th : Circulation Stopped 0230 / 19th : Tool on Bottom 0830 / 19th : B.M.T. 64 °F
 RUN 2 1200 17th 0915 29th 2100 29th 204

Caliper No. B 37 A 31
 Cartridge No. D 594 J 72
 Panel No. H 672 D 30
 Sonde No. RUBBER
 Centralizer type BUMBERS
 RUN 2: FINAL CIRCULATION STARTED 0500 / 29th
 MUD SAMPLES: Rm #1 = 2.66 @ 79° F
 Rm #2 = 2.71 @ 77° F
 Rm #3 = 2.86 @ 76° F

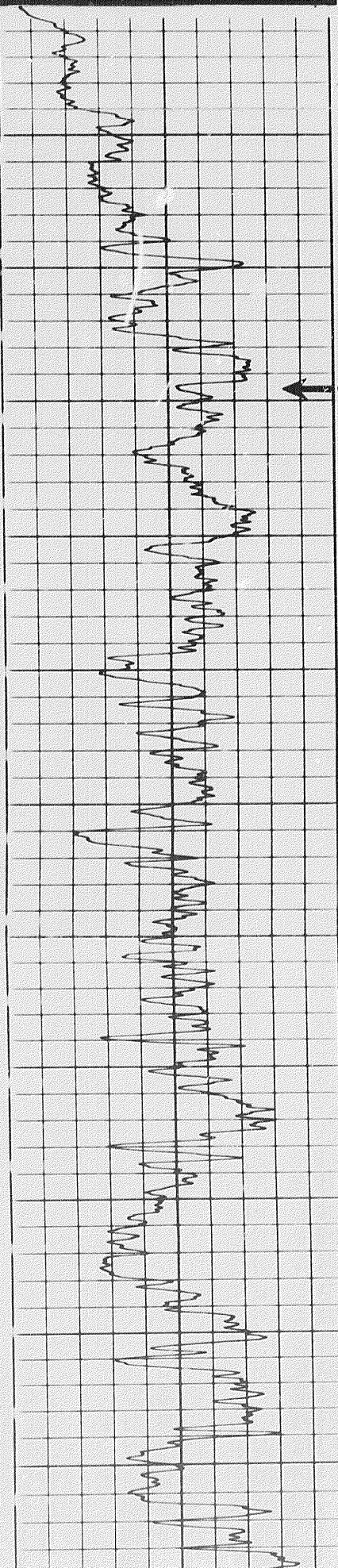
| Background CPS. | Test Source CPS. | Galv. Increase Divisions | Panel Sens. Tap for Cal. |
|-----------------|------------------|--------------------------|--------------------------|
| 60 | 420 | 10.0 | 100 |
| RUN 2 30 | 424 | 10.0 | PGP |



hole diameter in inches

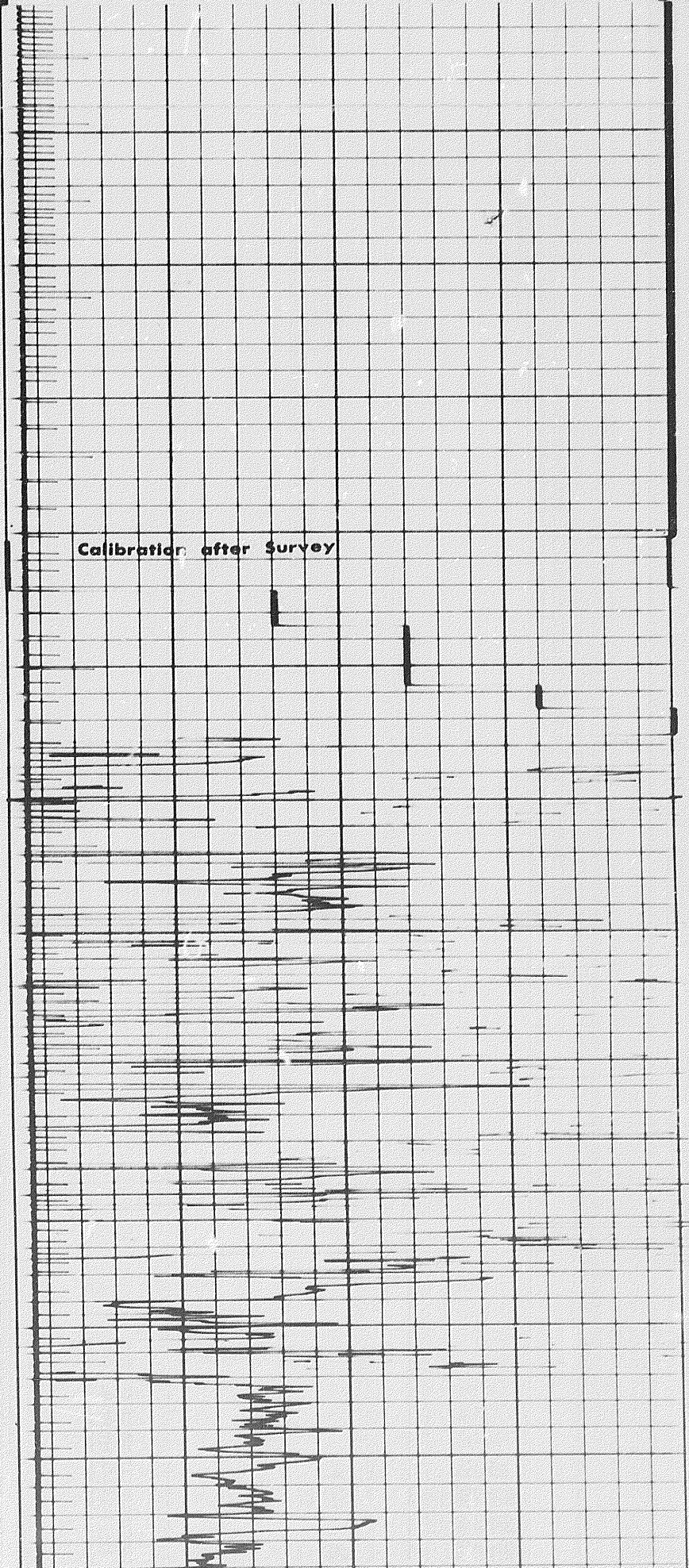
6 7 8 9 10 11 12 13 14

101



00
0100
0200
0300
0400
0500

Casing

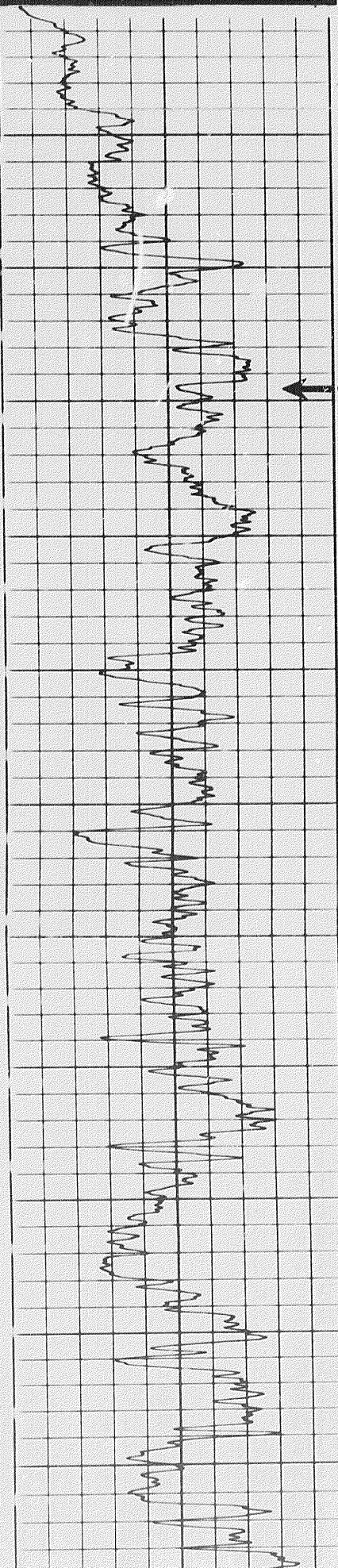


Calibration after Survey

hole diameter in inches

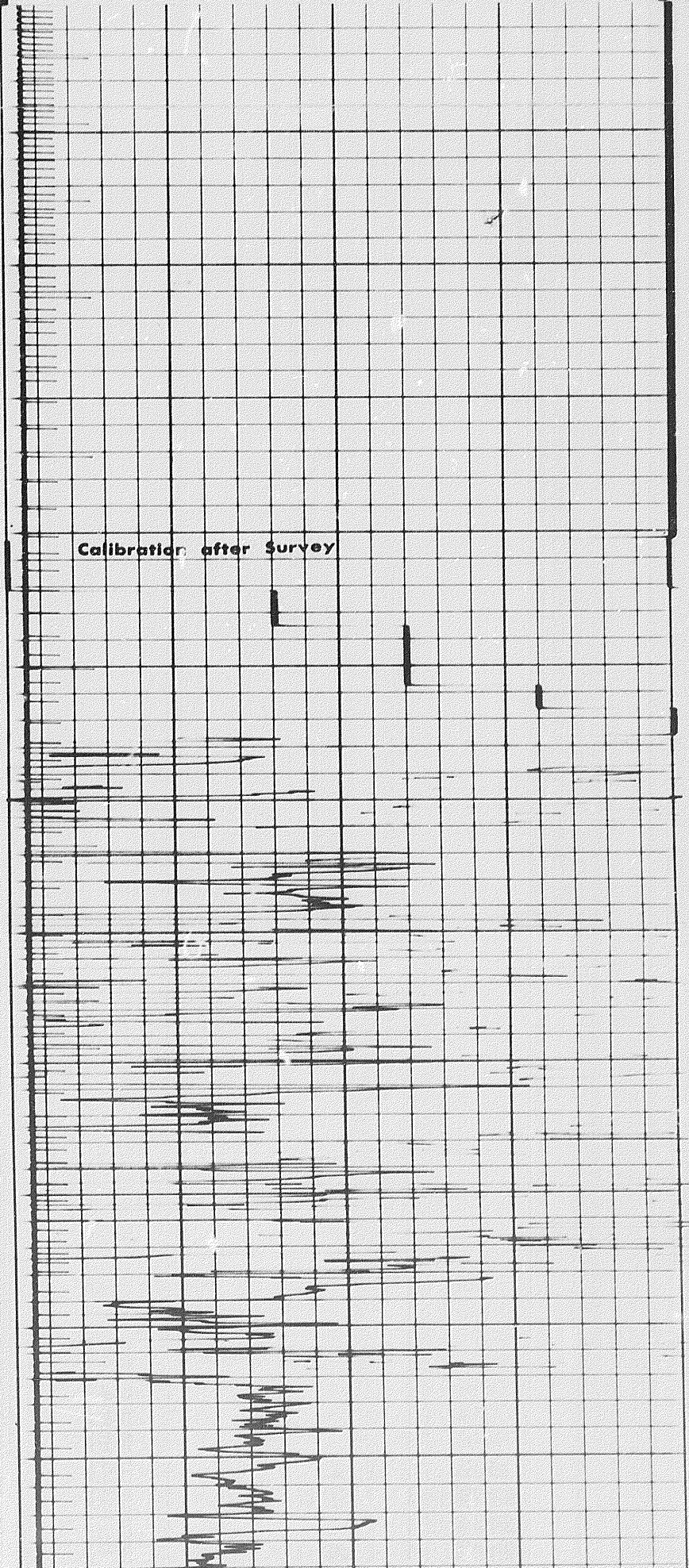
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101

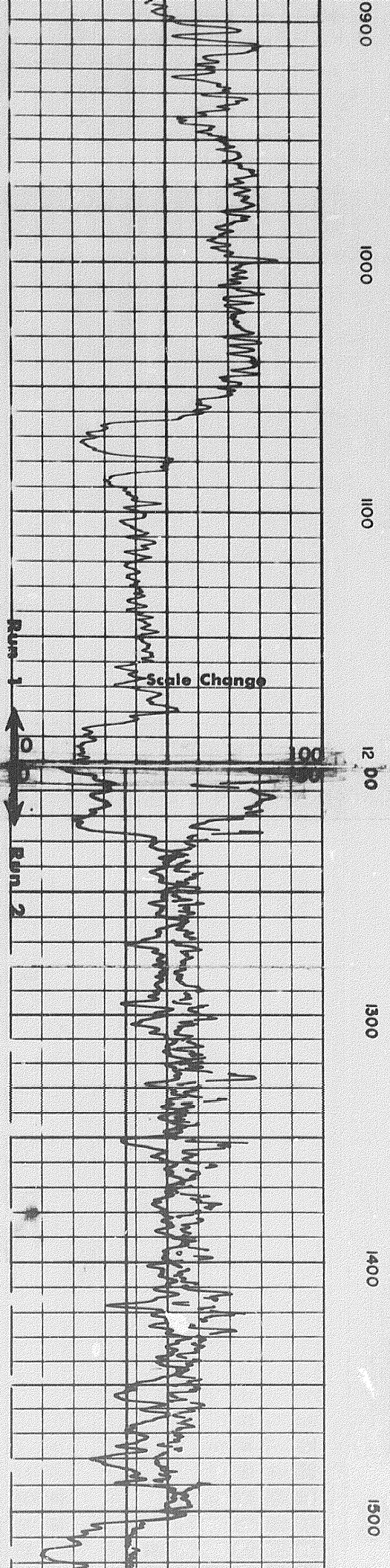
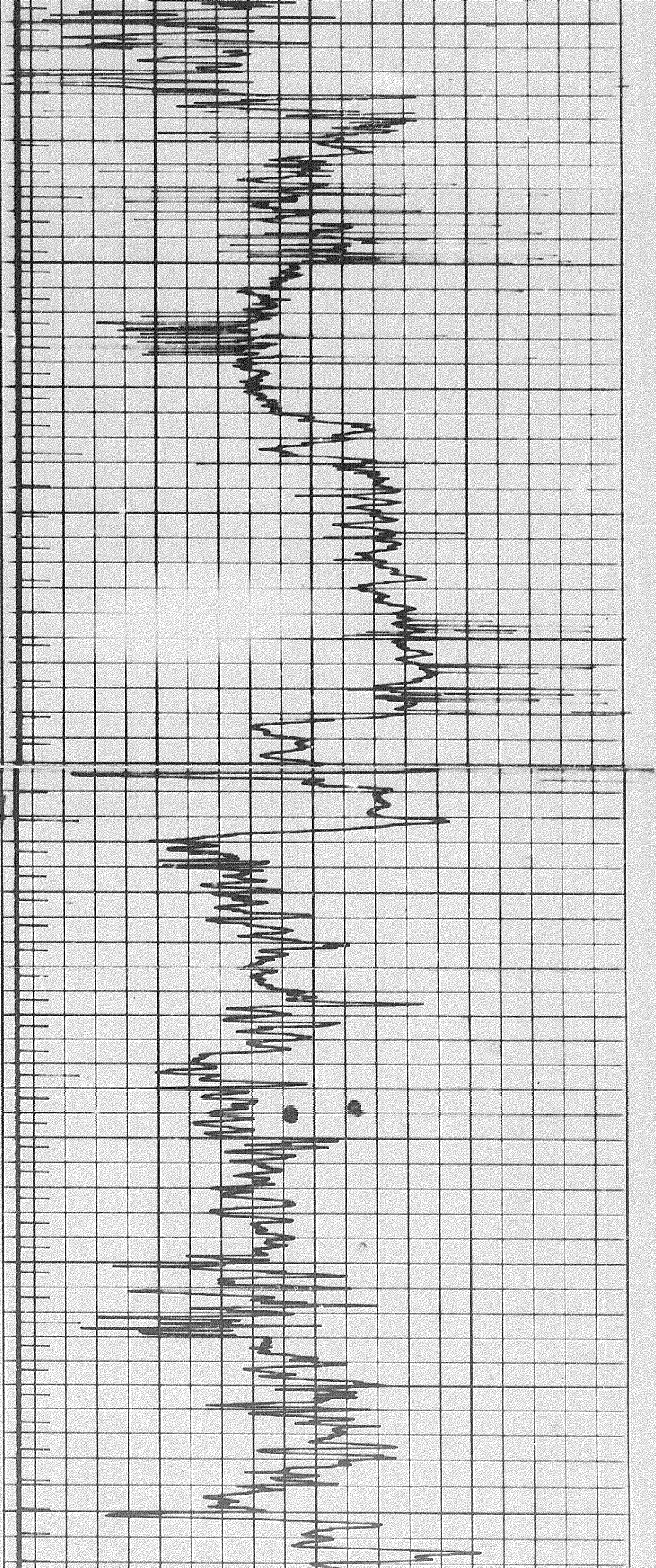


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0100
0200
0300
0400
0500

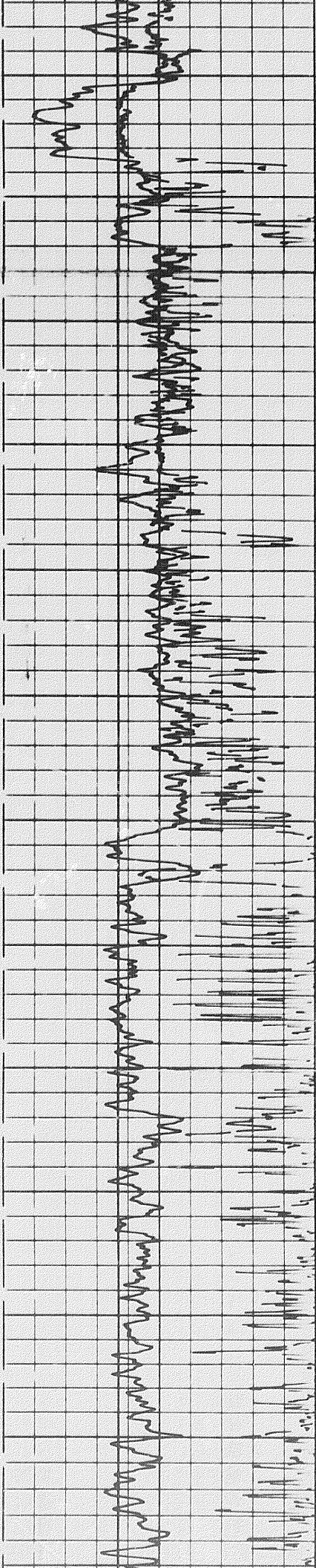
Casing



Calibration after Survey



2 of 6



1500

1600

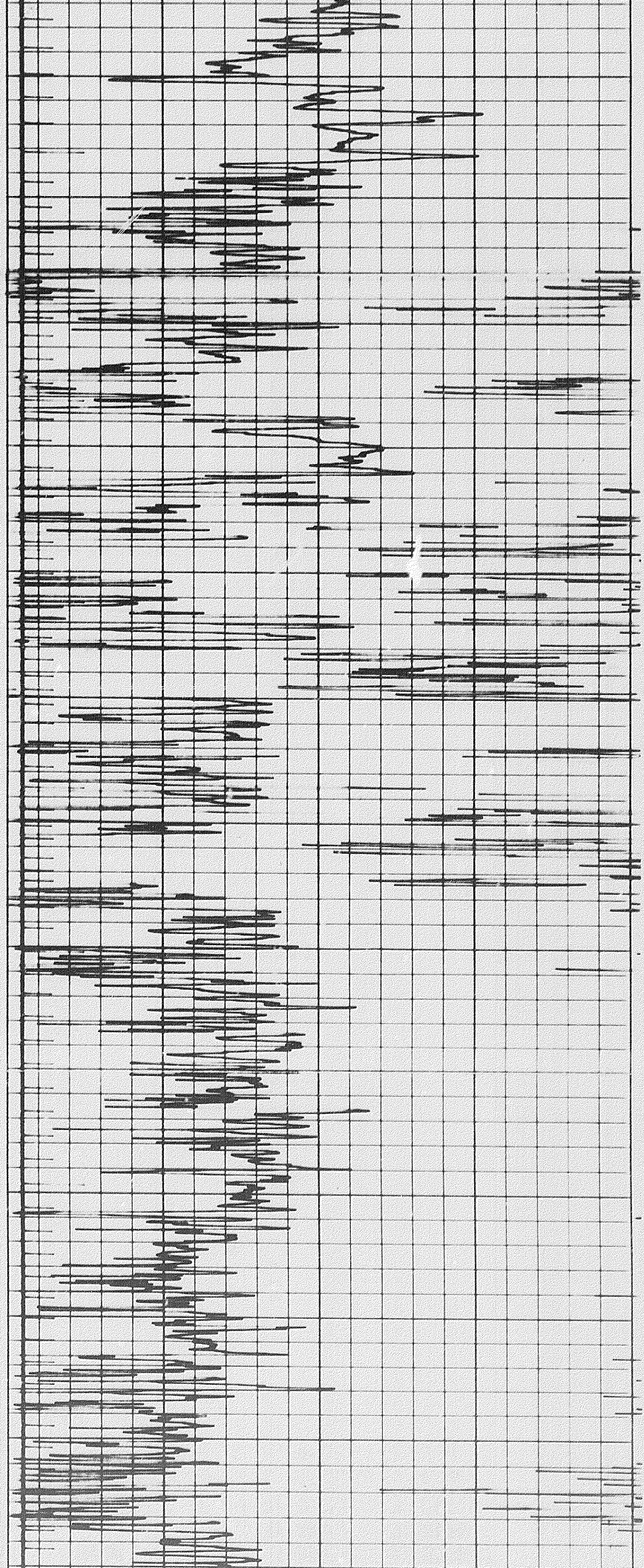
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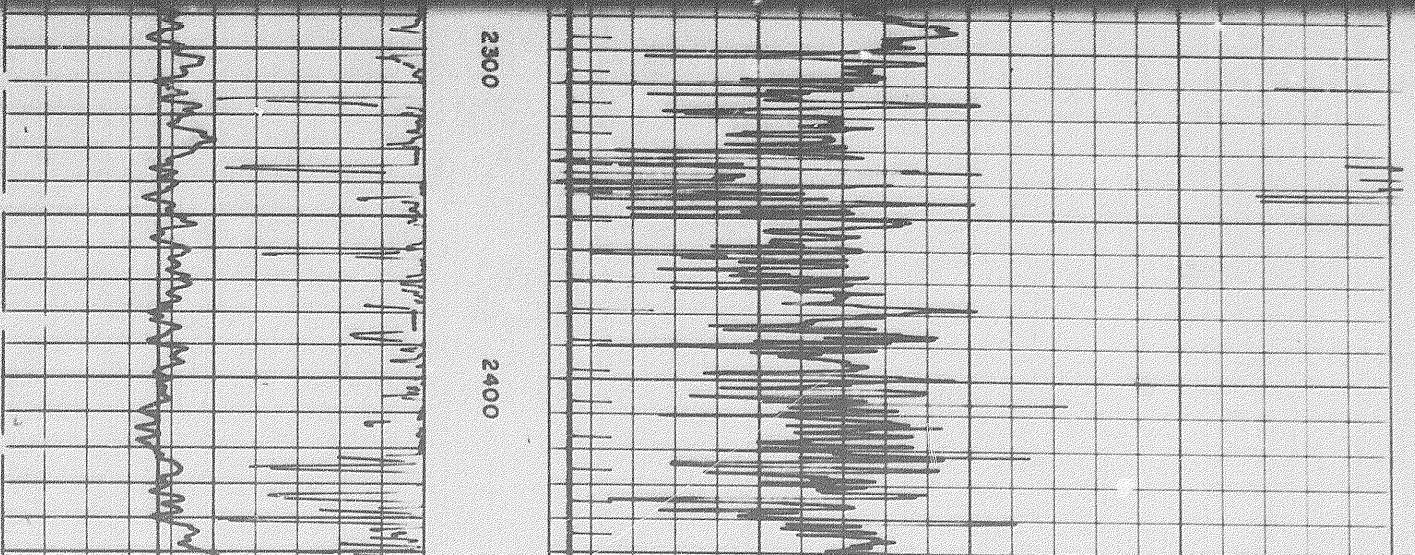
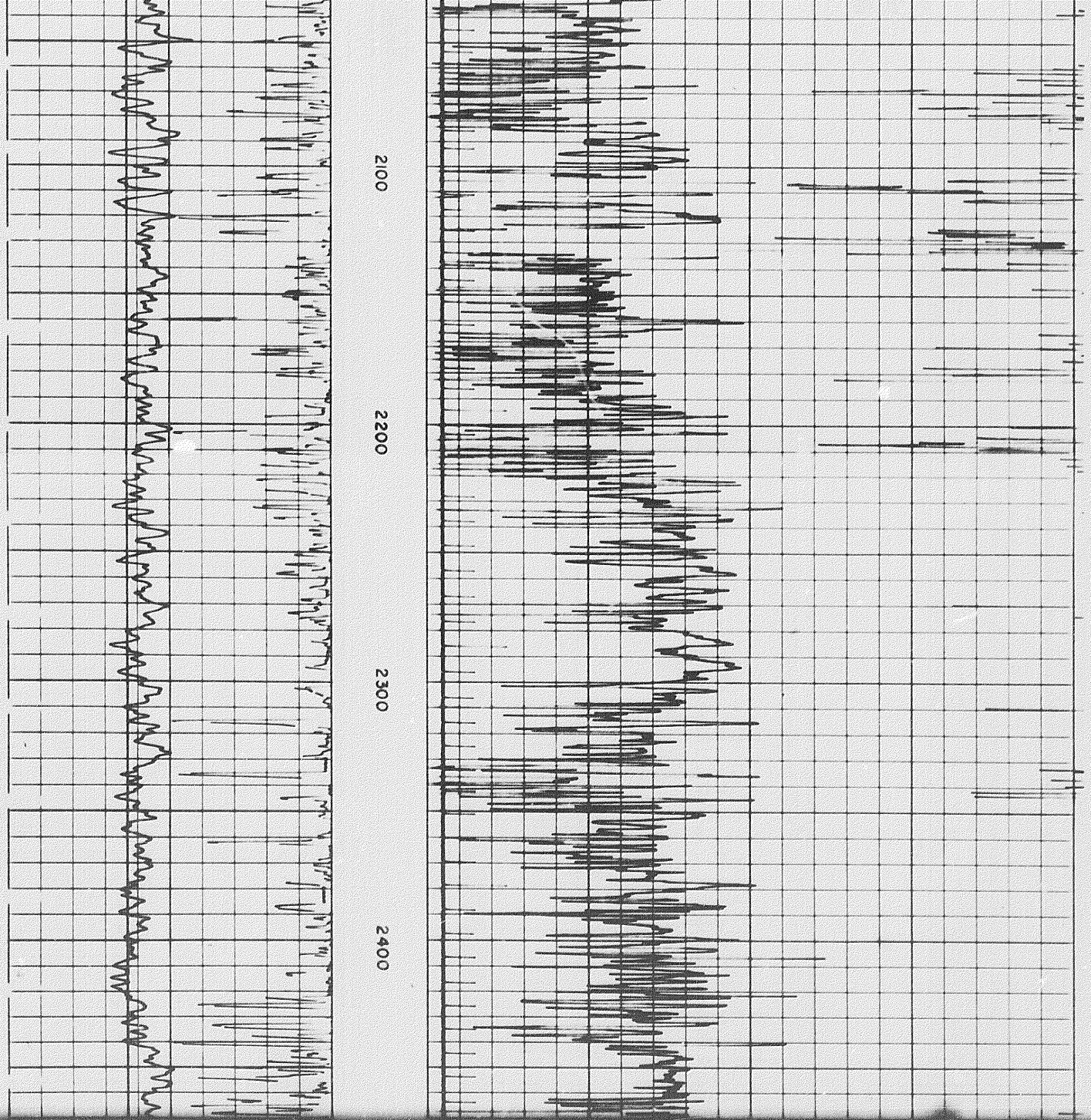
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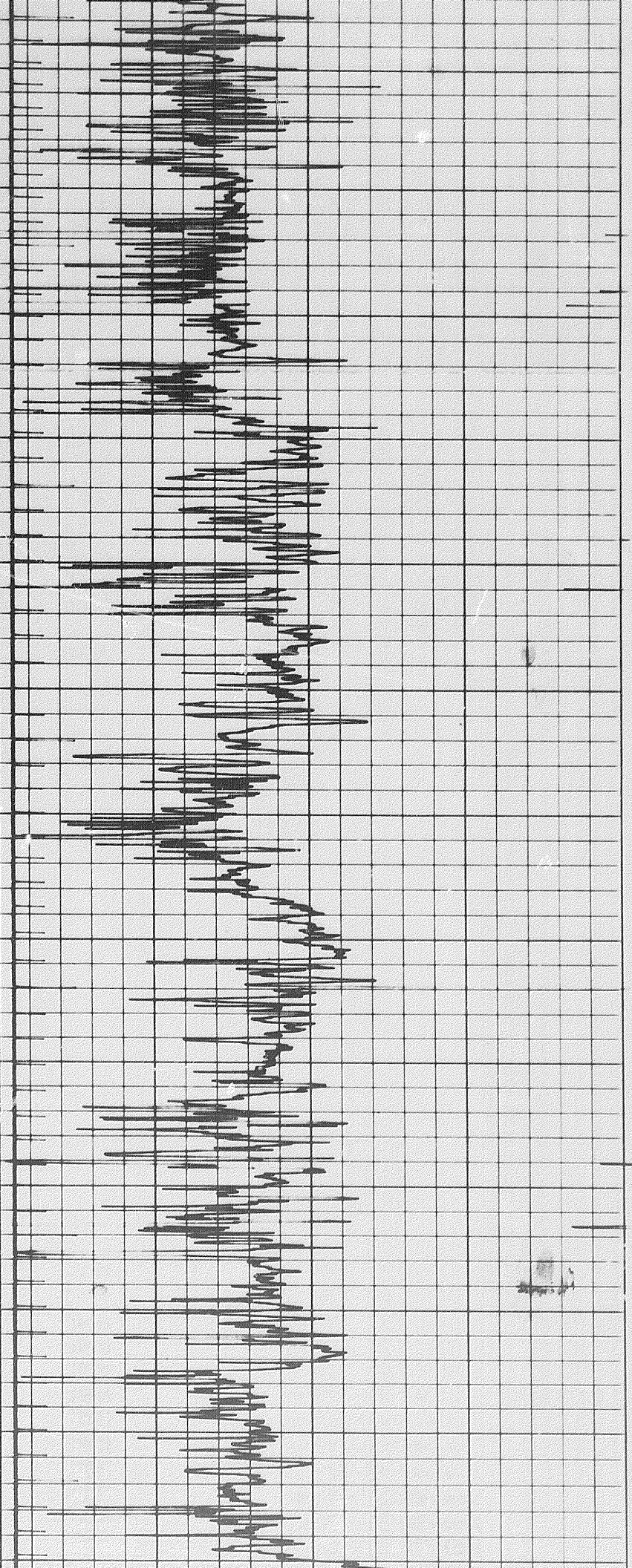
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2000

21







2400

2500

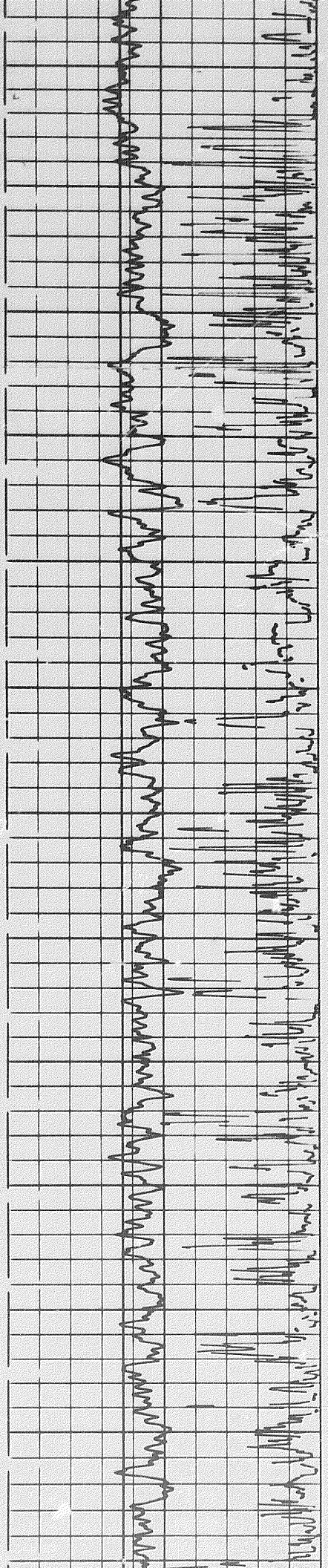
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2700

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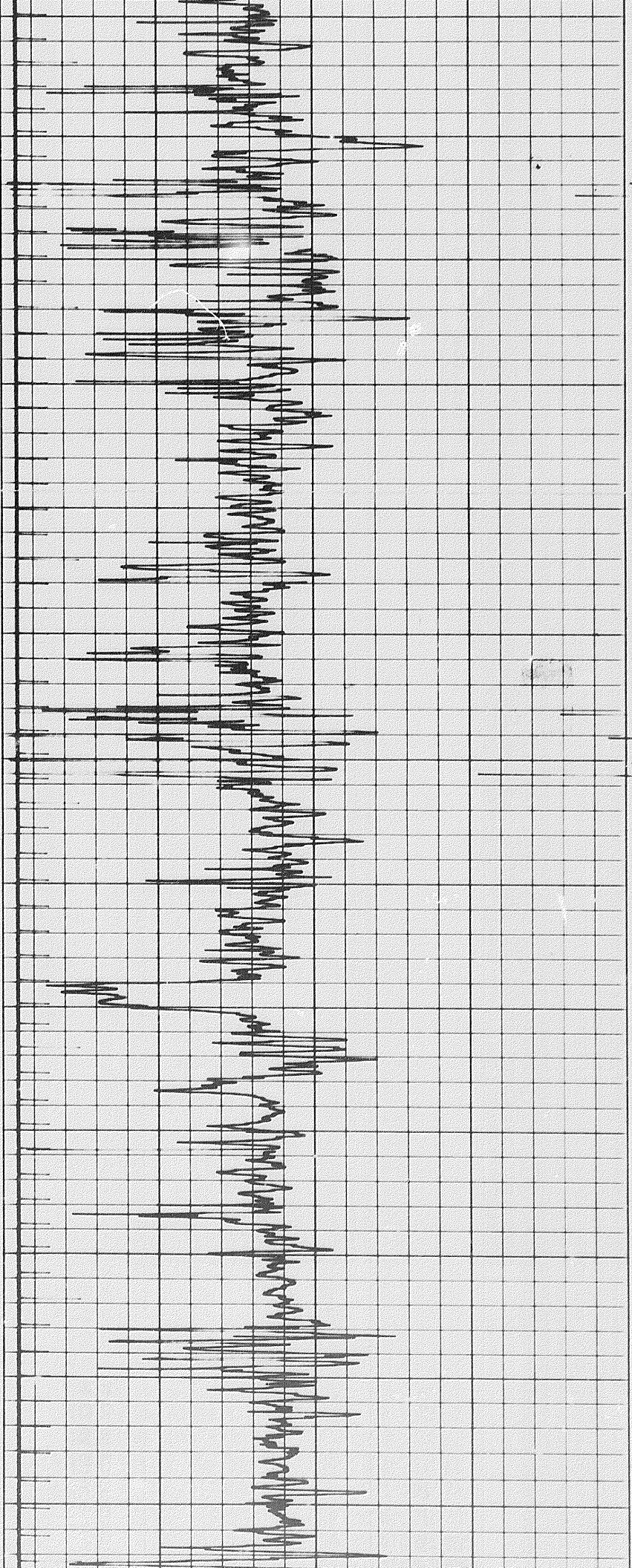
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30



30

304



3000

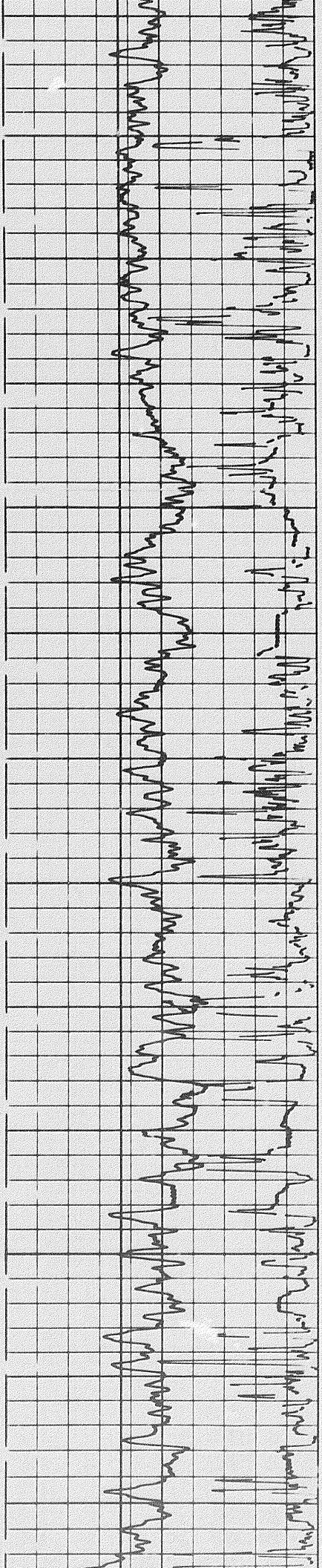
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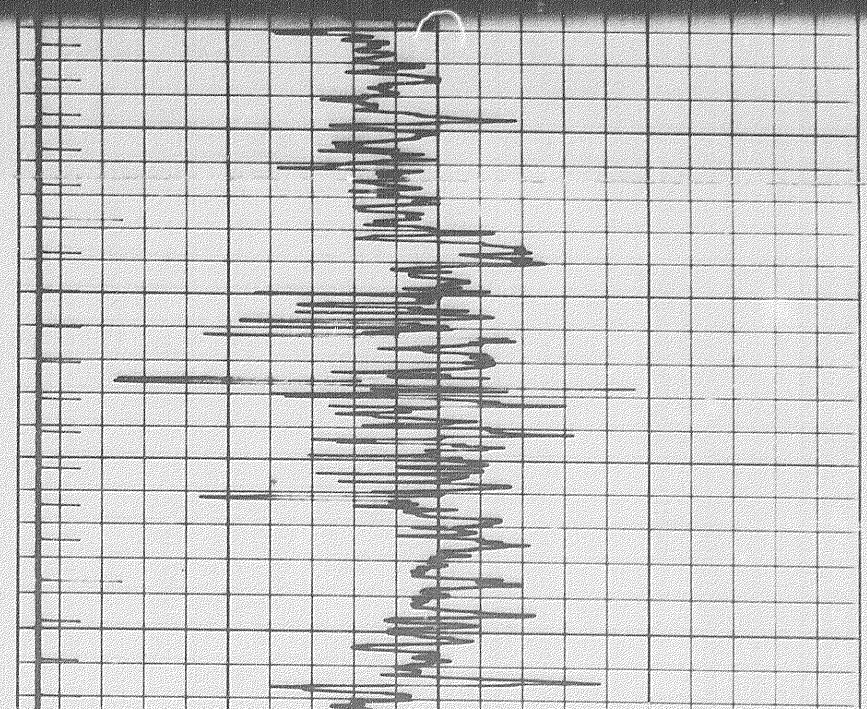
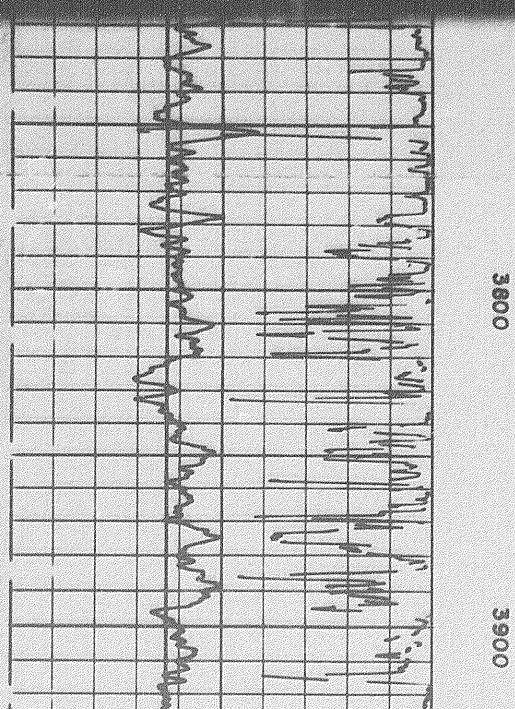
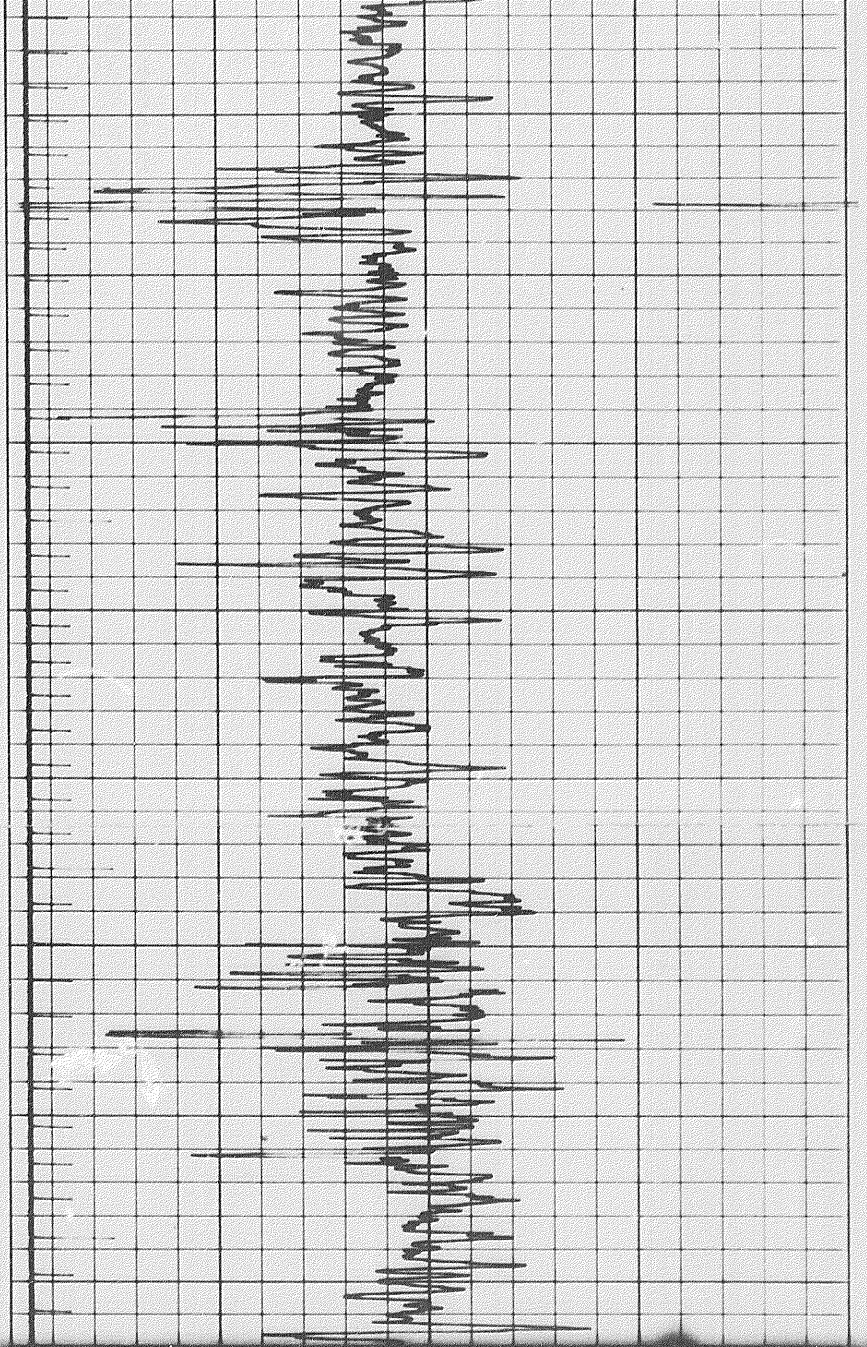
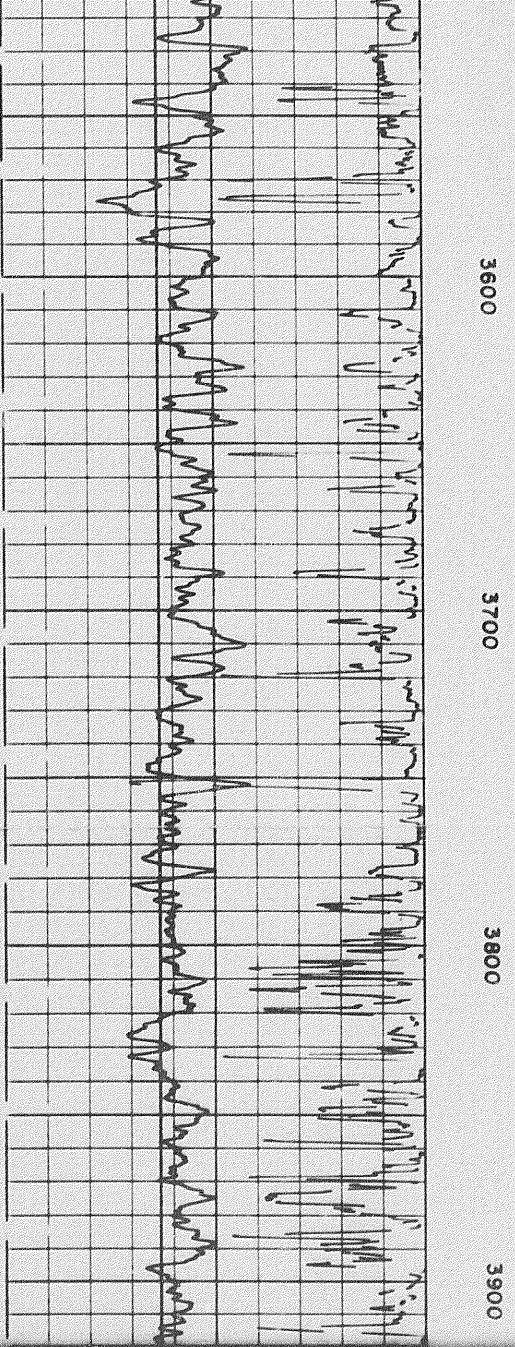
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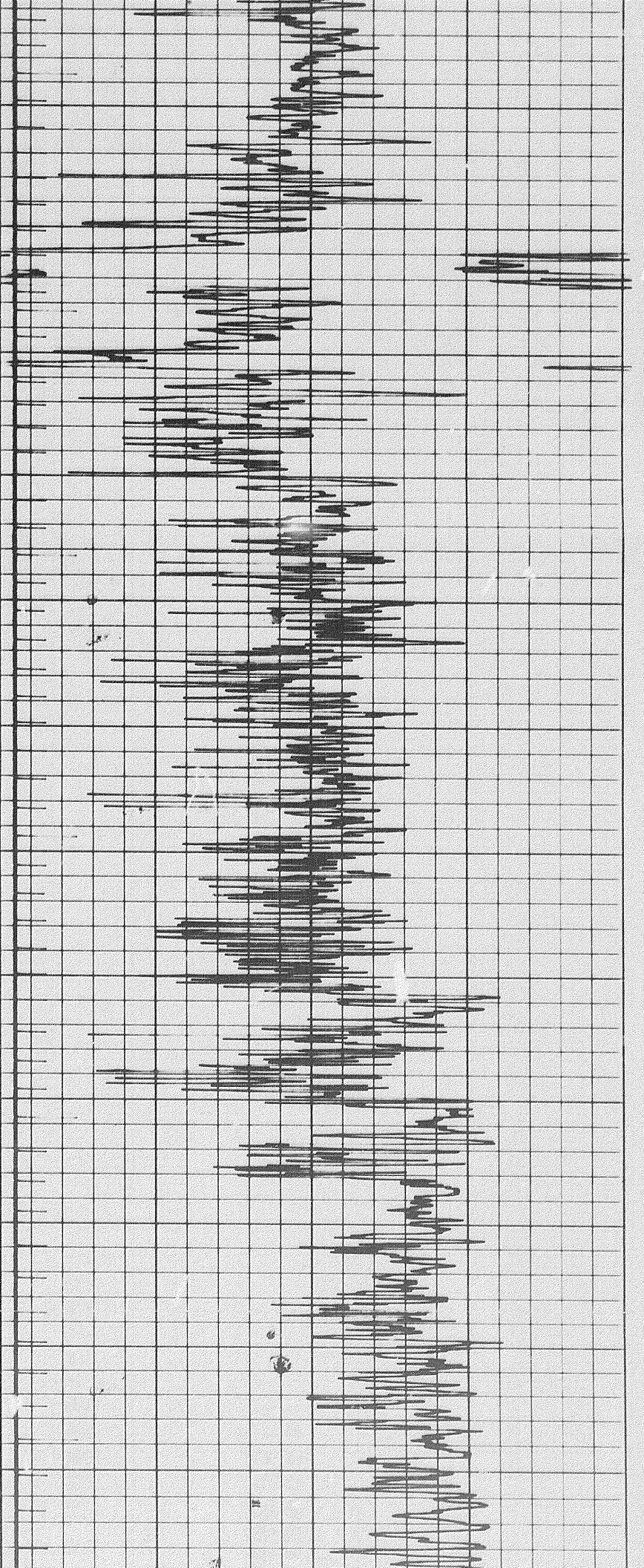
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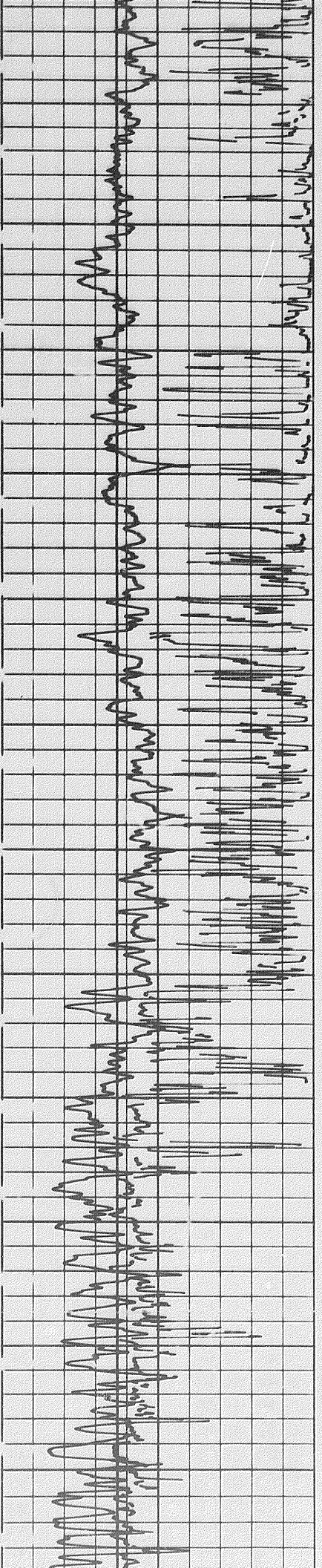
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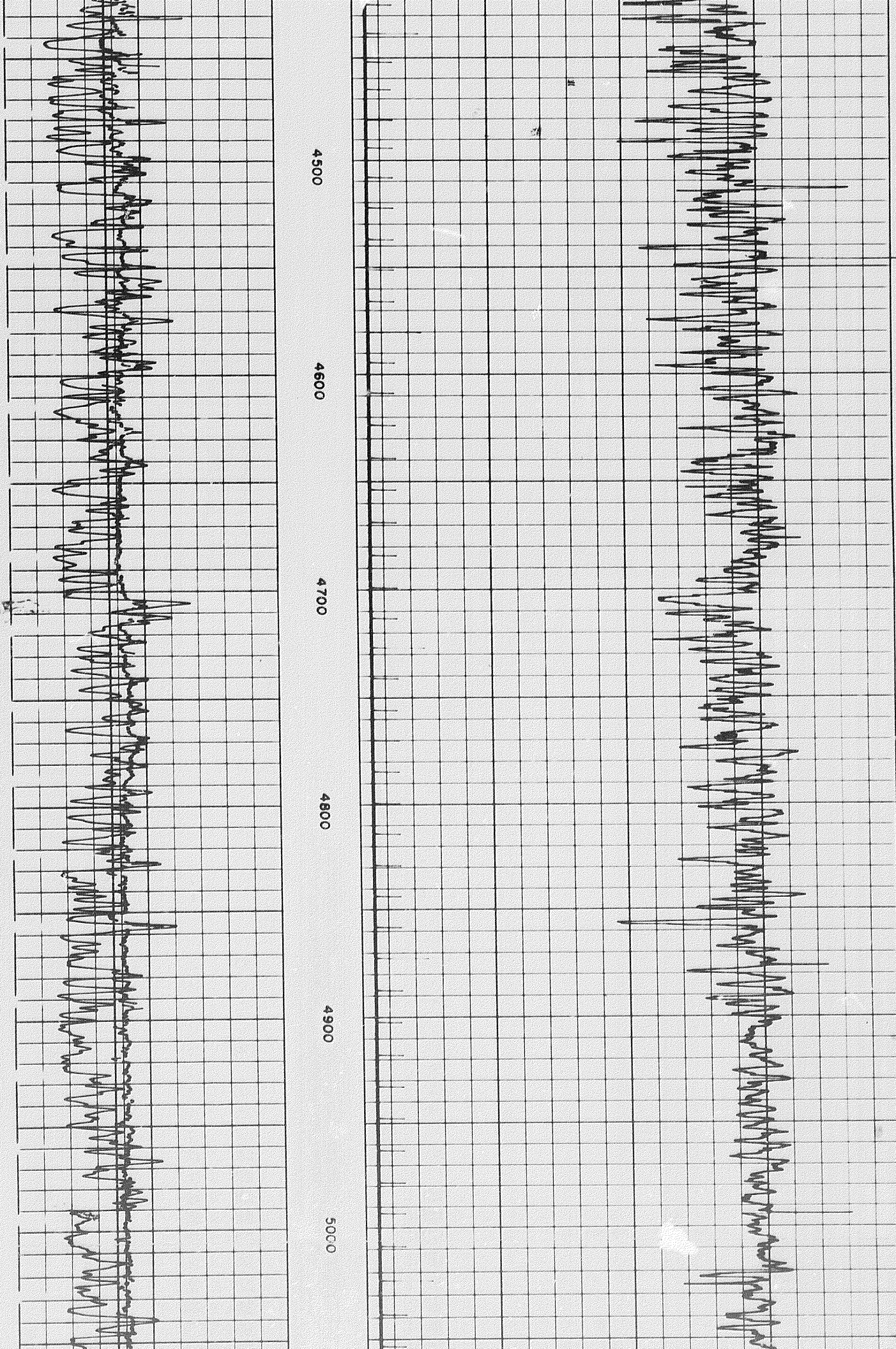
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4400



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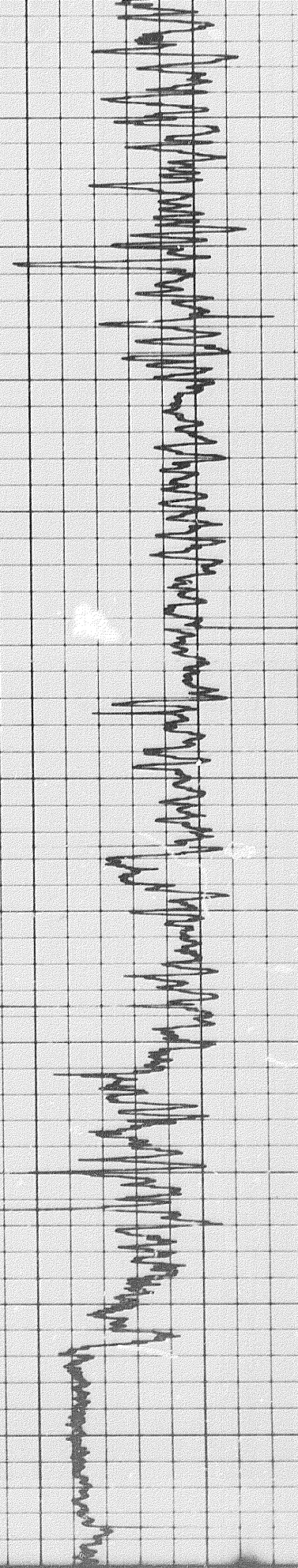
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4700

4800

4900

5000



4800

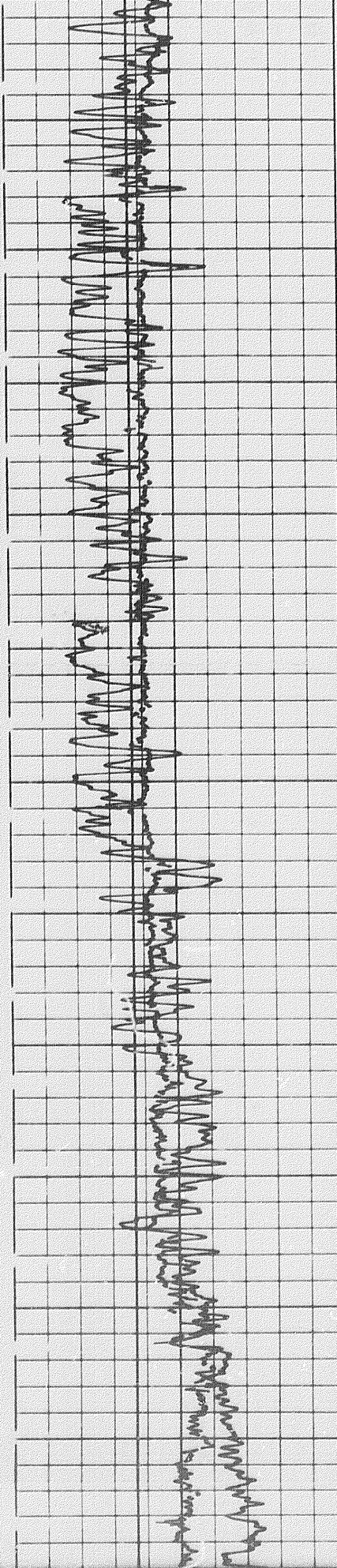
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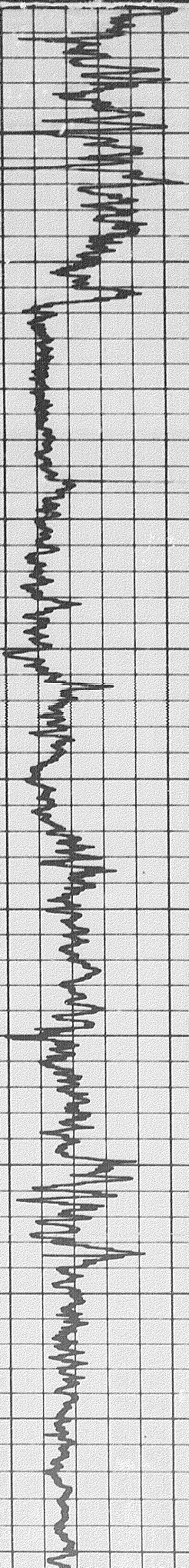
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5200

5300





5200

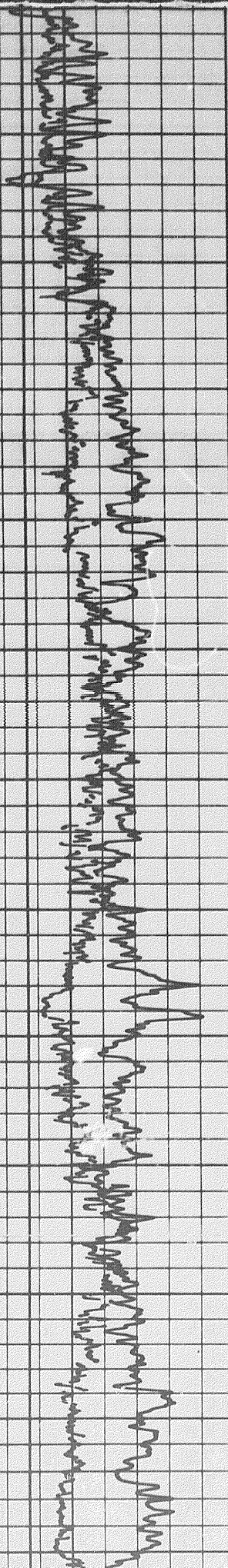
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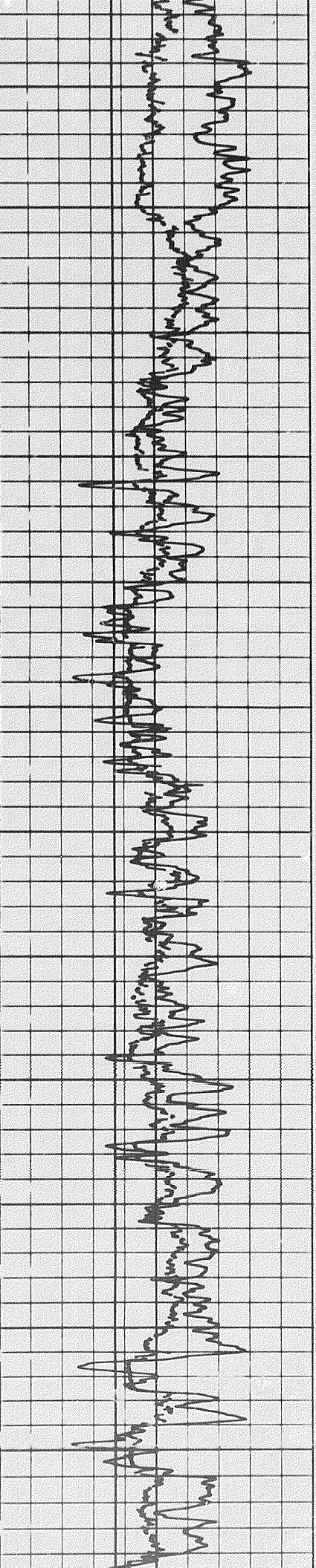
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5700



5 of



5700

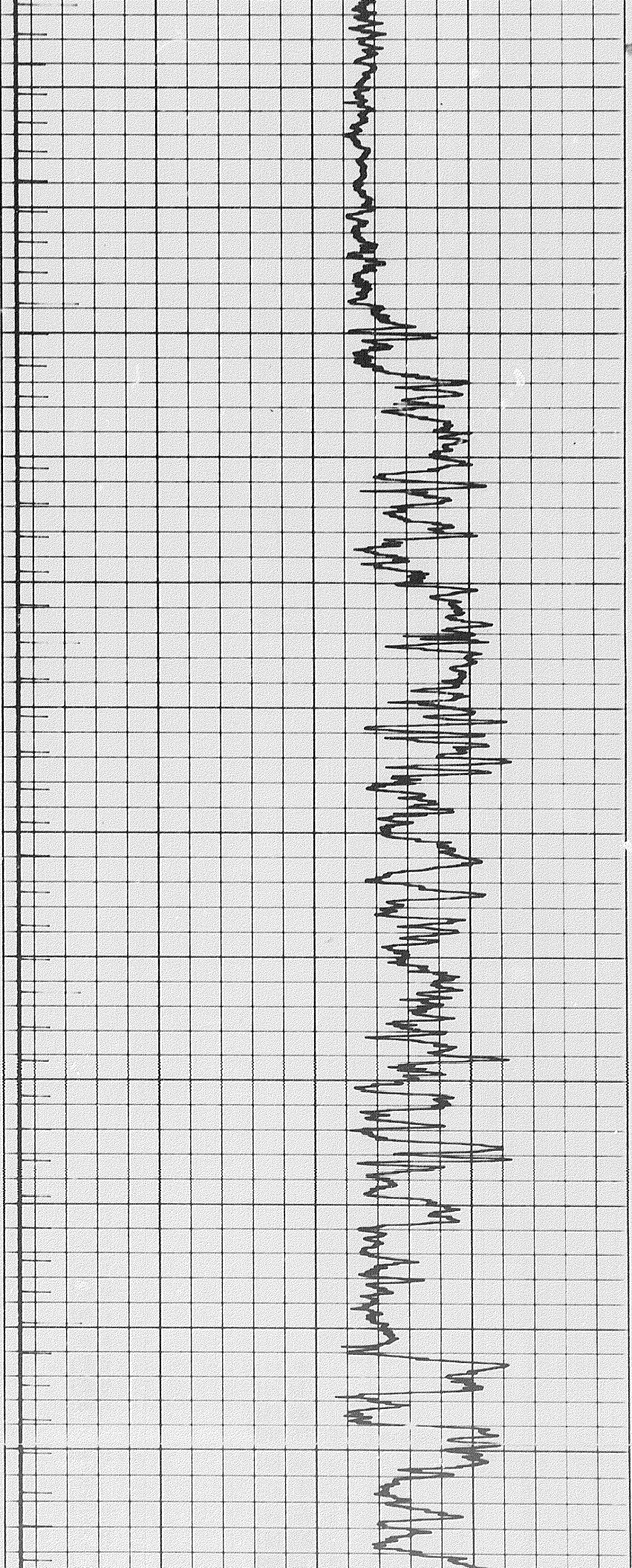
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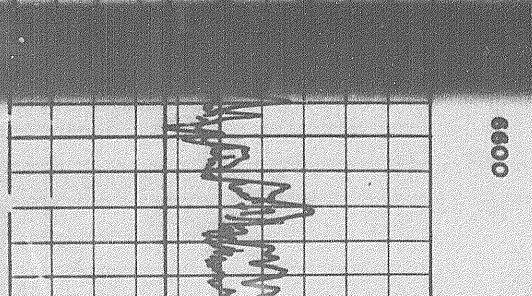
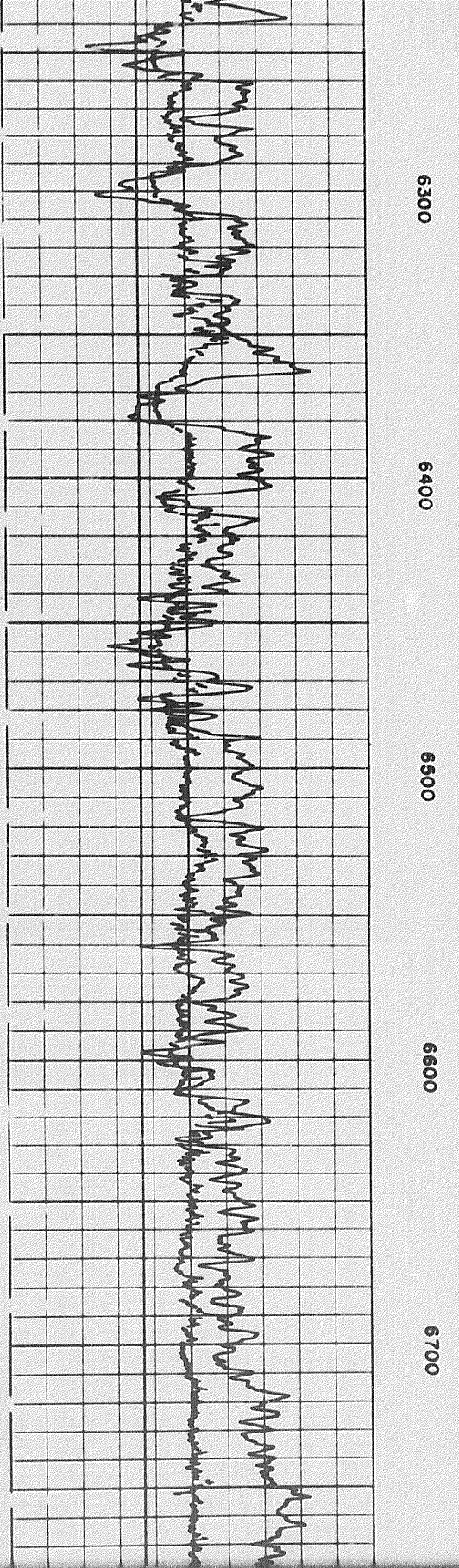
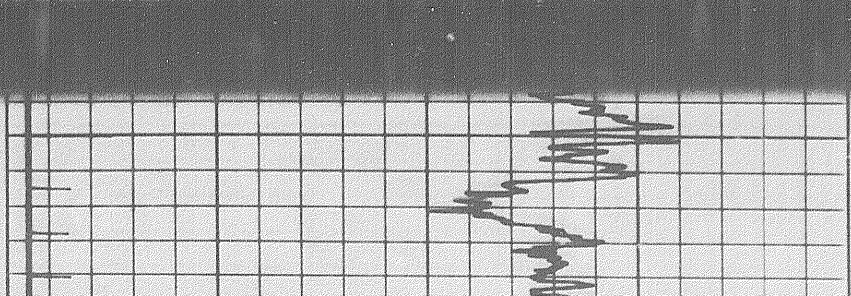
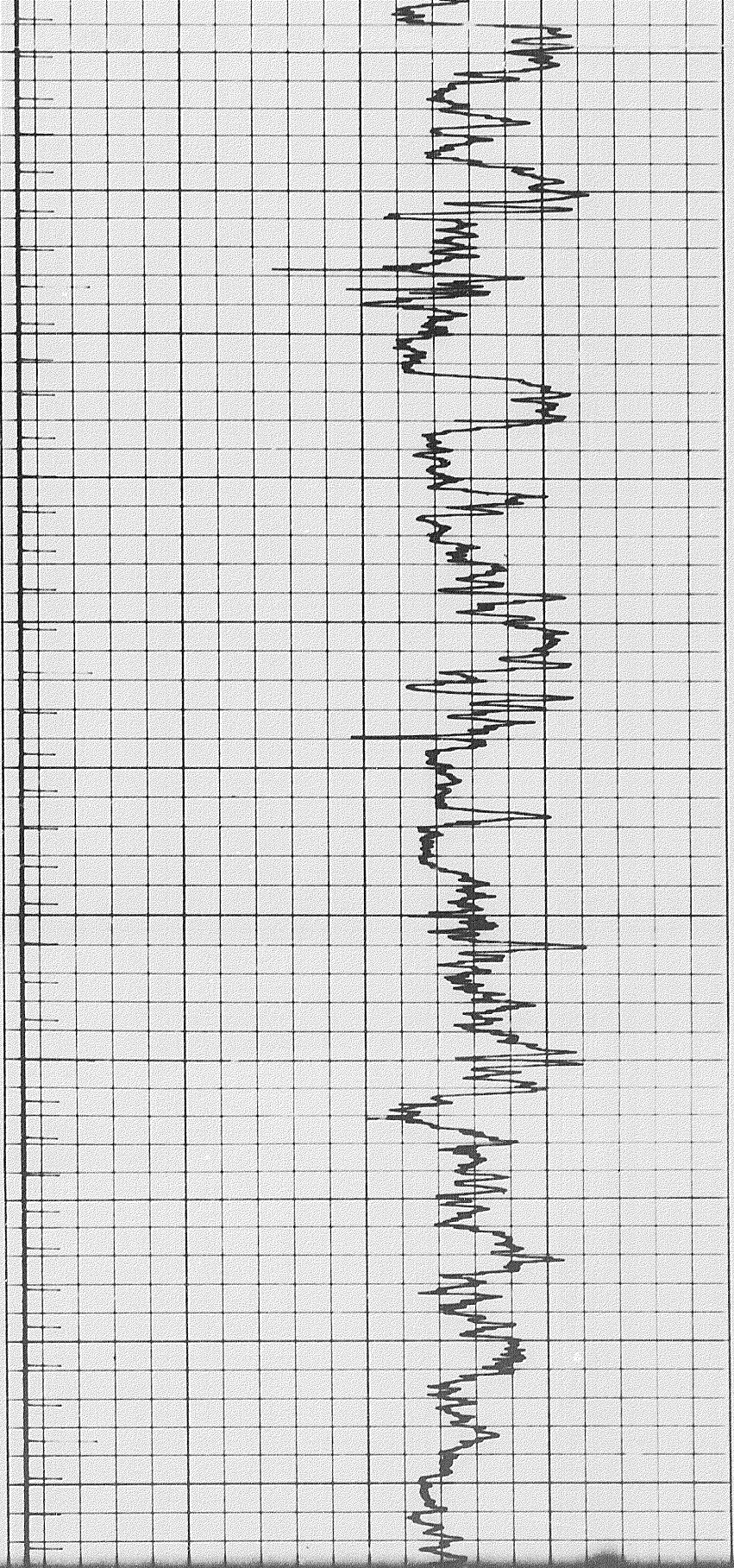
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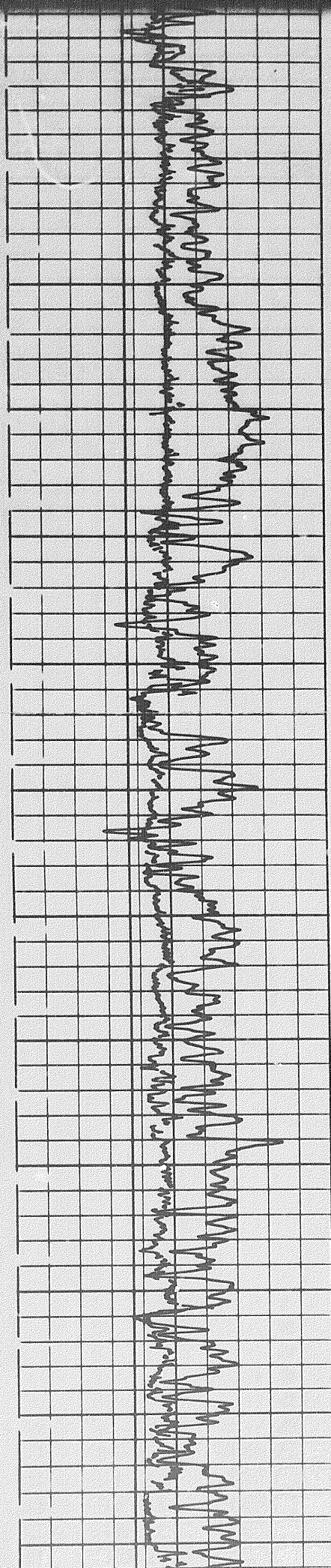
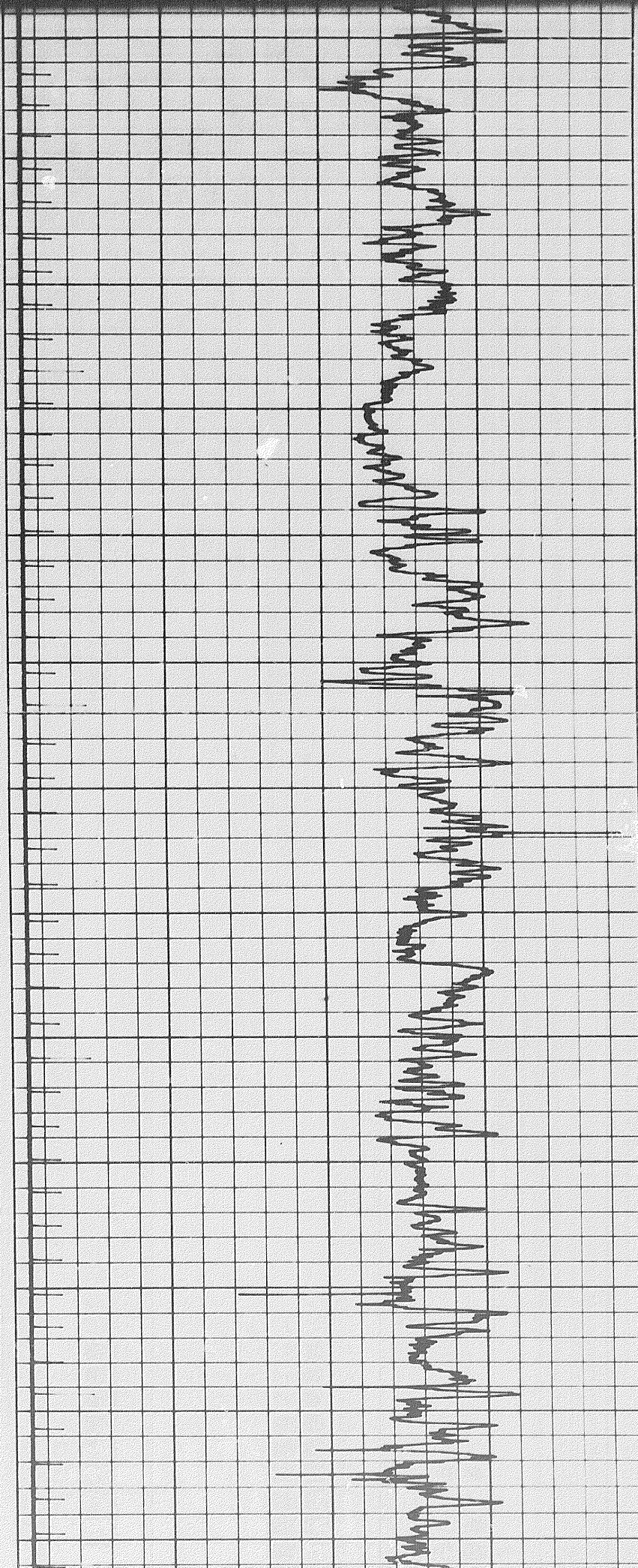
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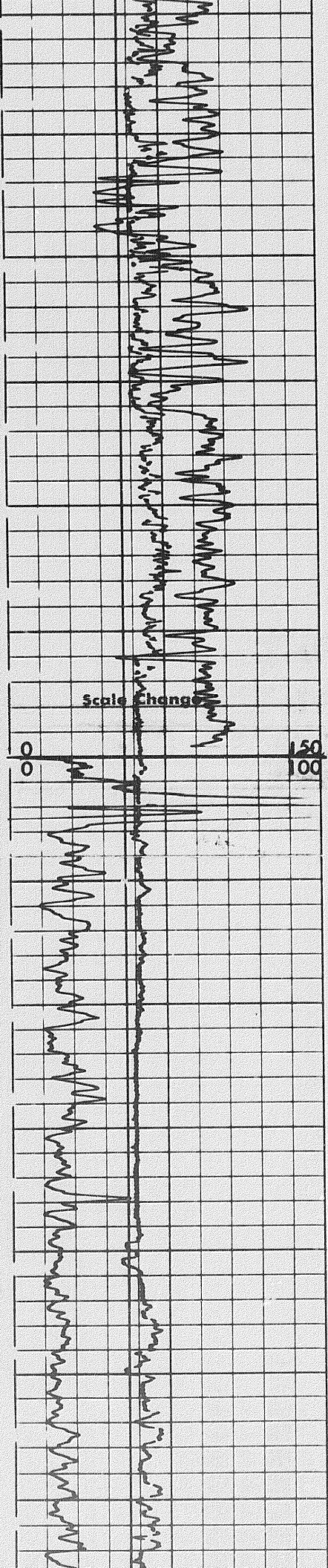
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69



7200

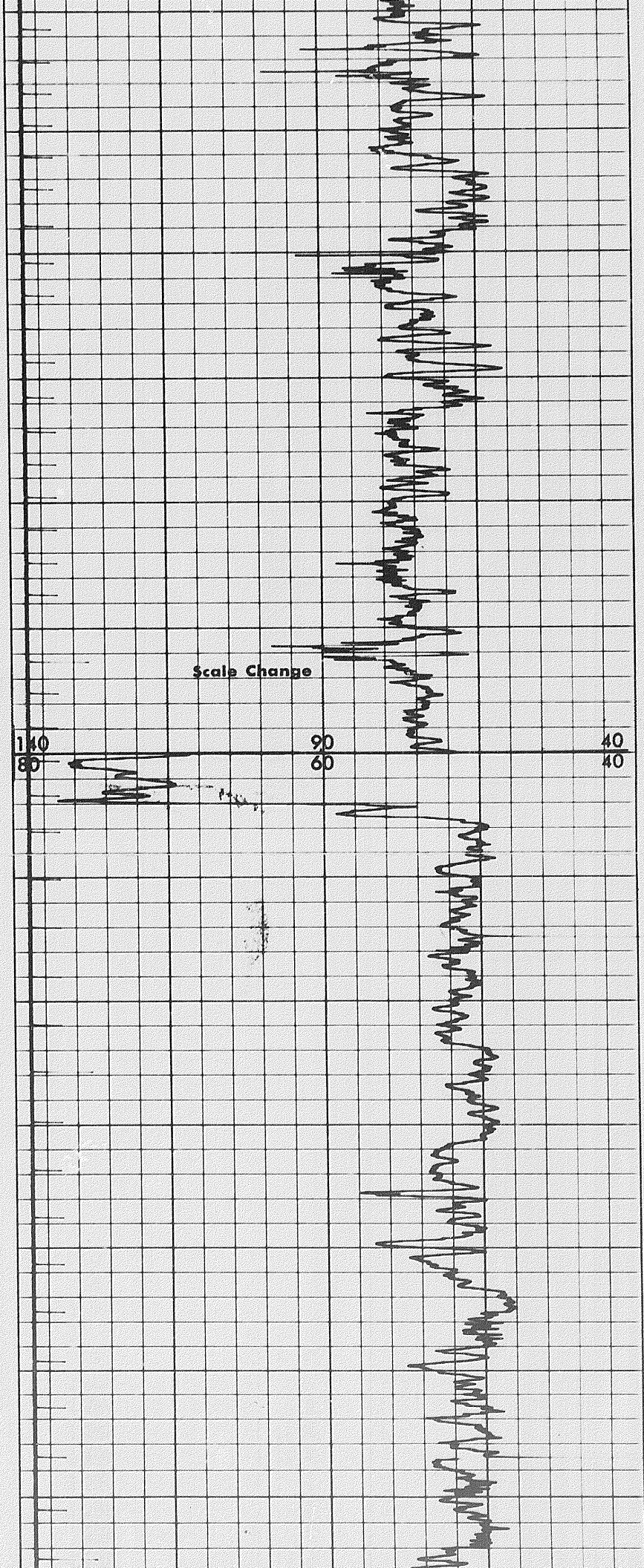
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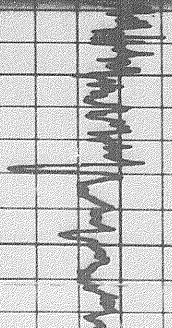
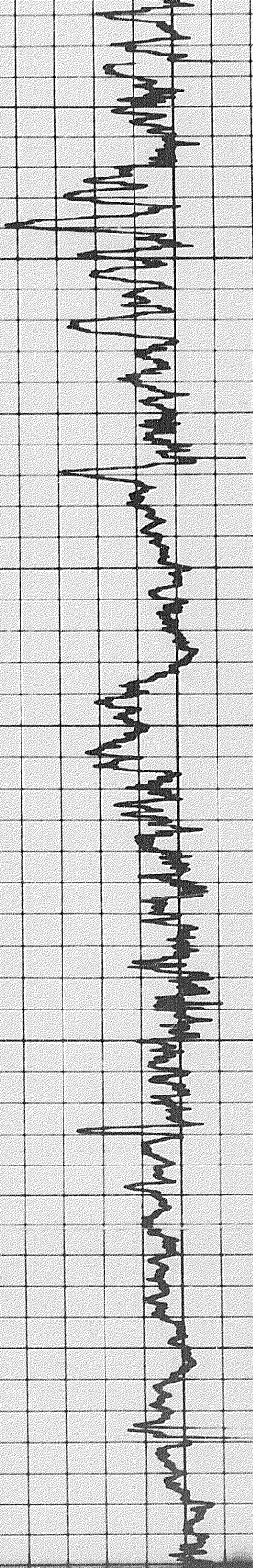
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80

90

100



7800

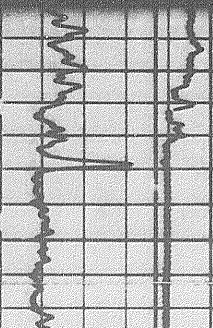
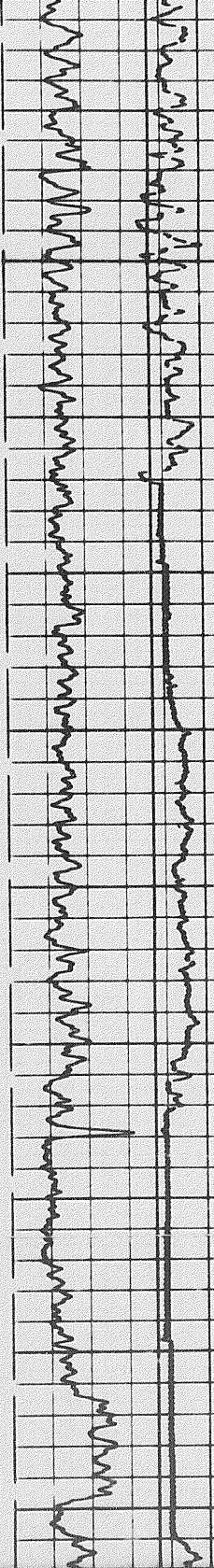
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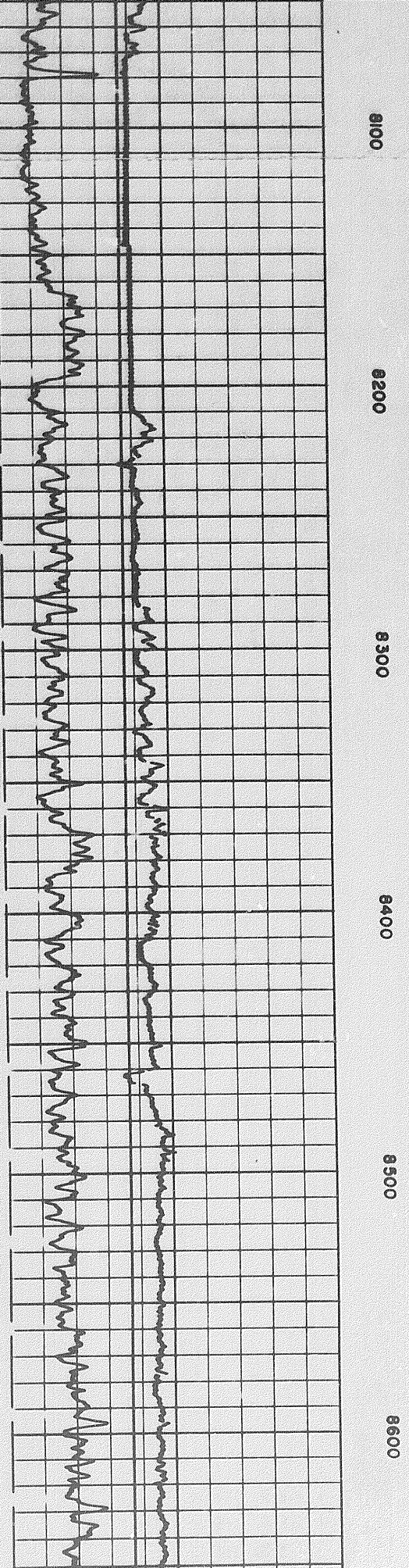
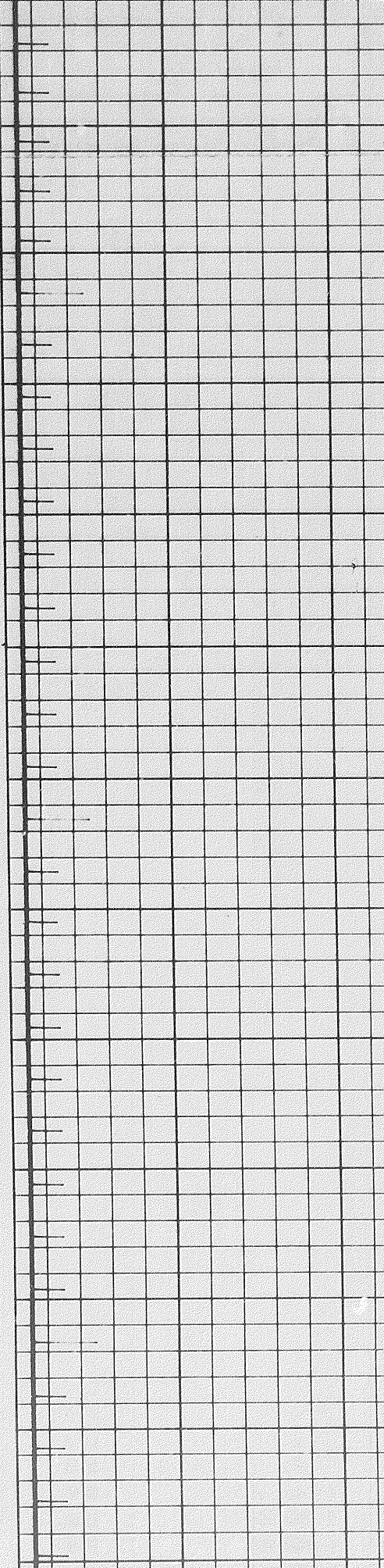
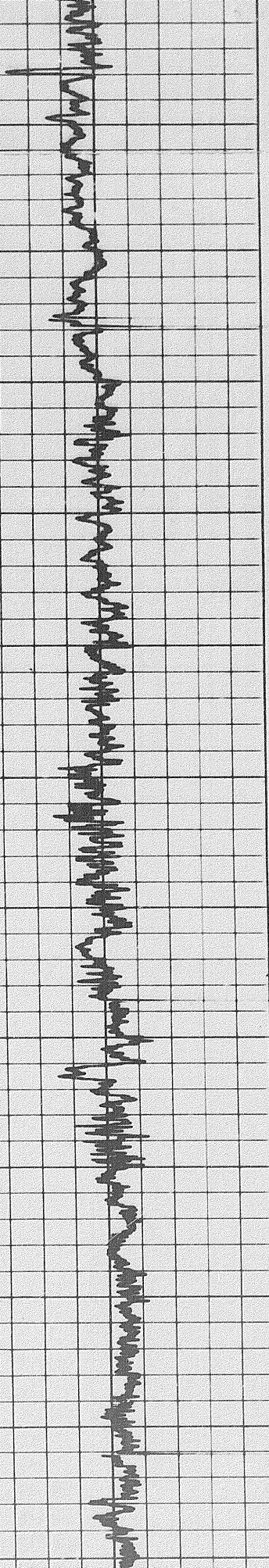
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8100

8200

8300





8100

8200

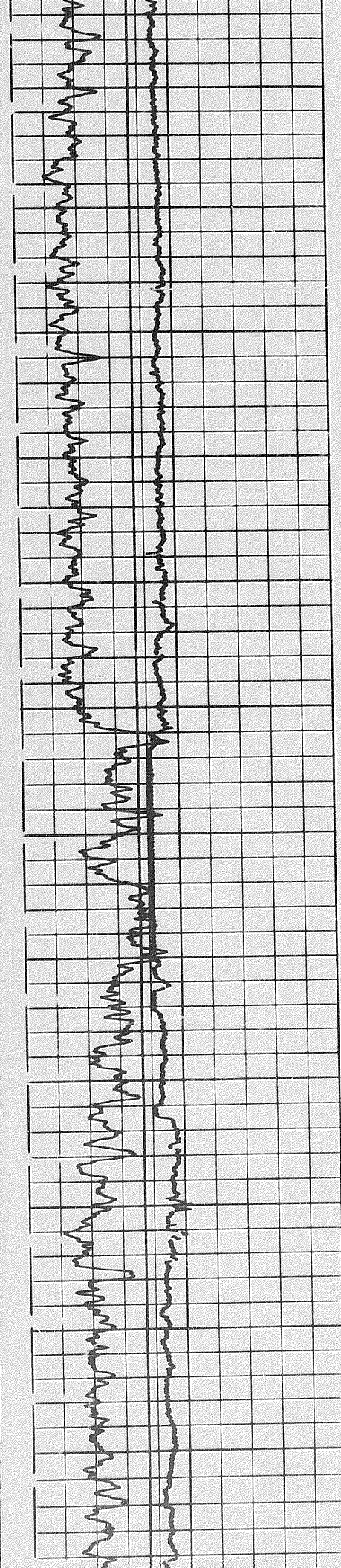
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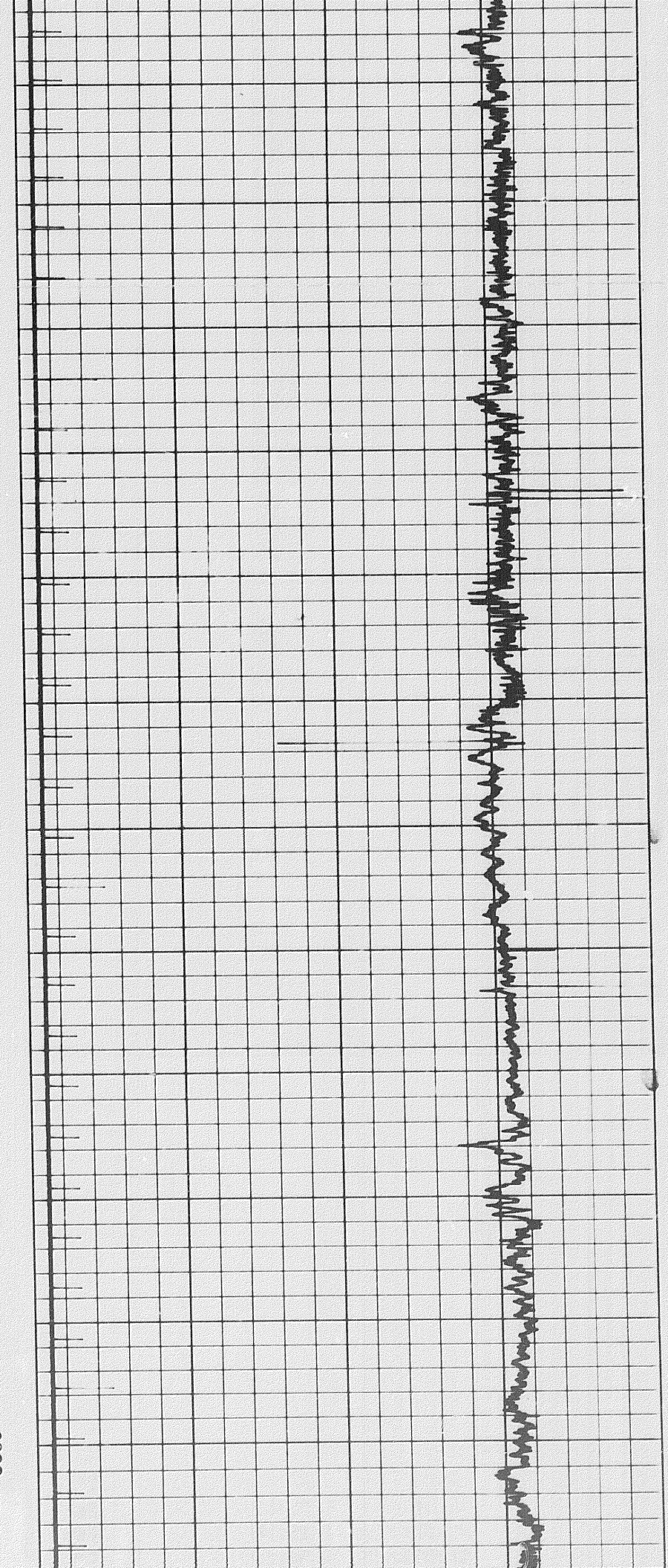
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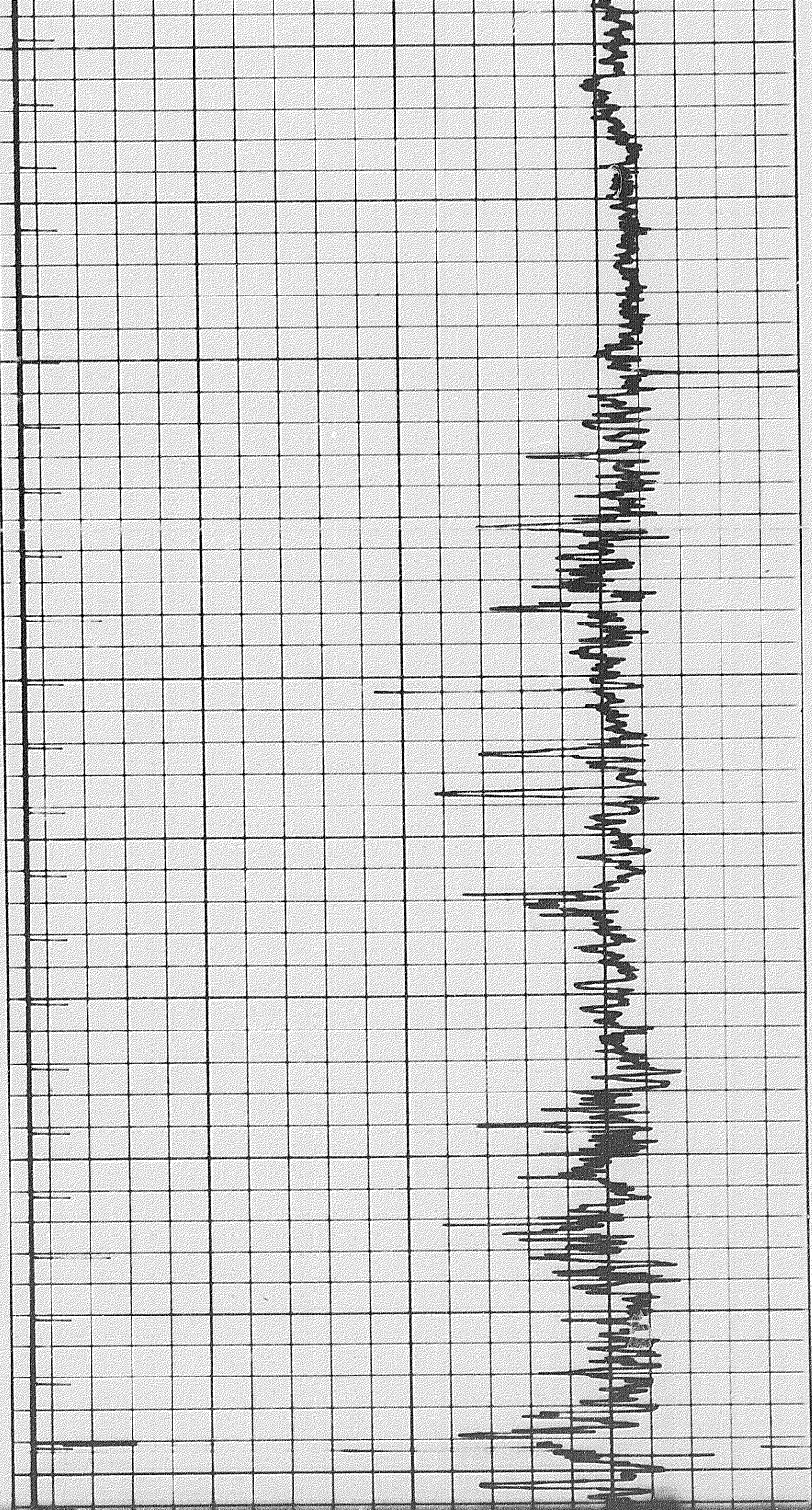
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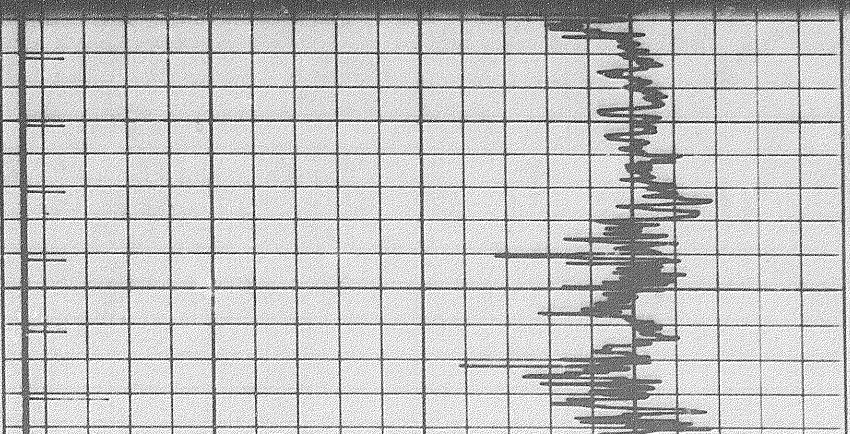
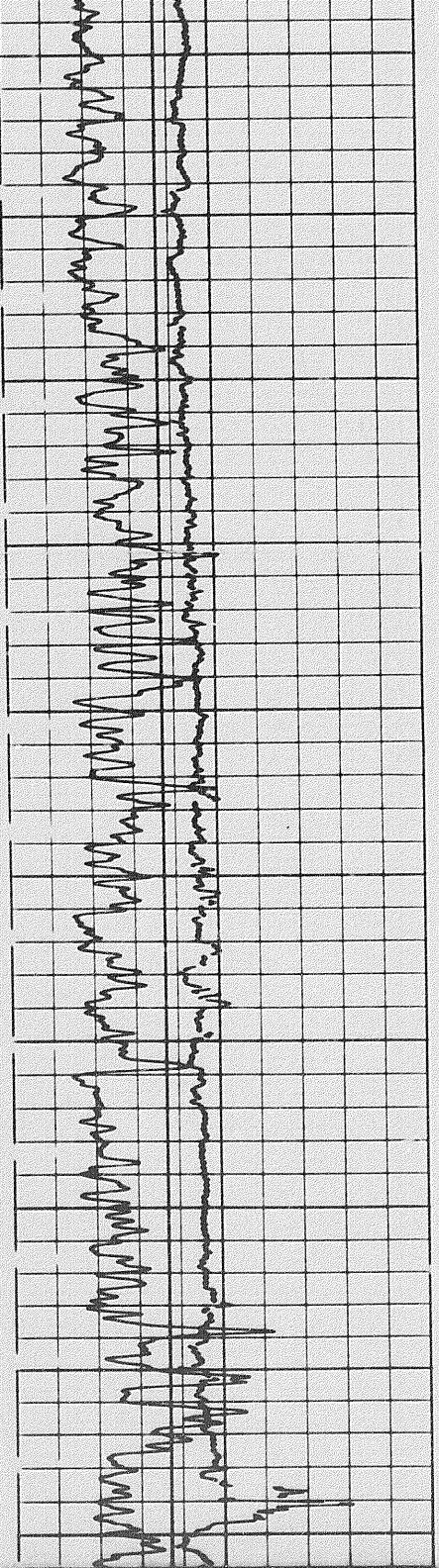
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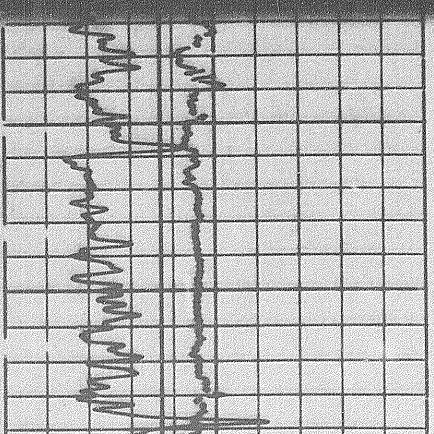
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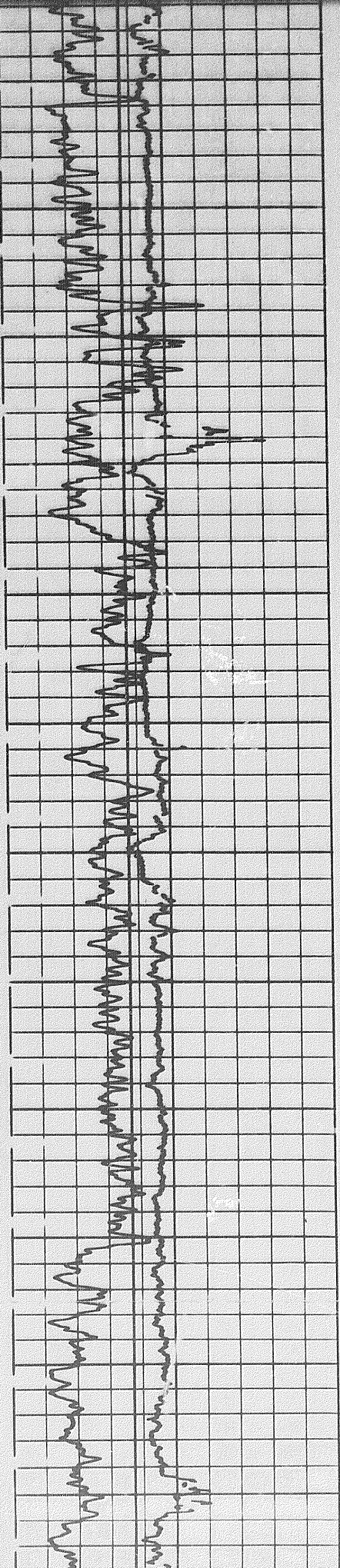
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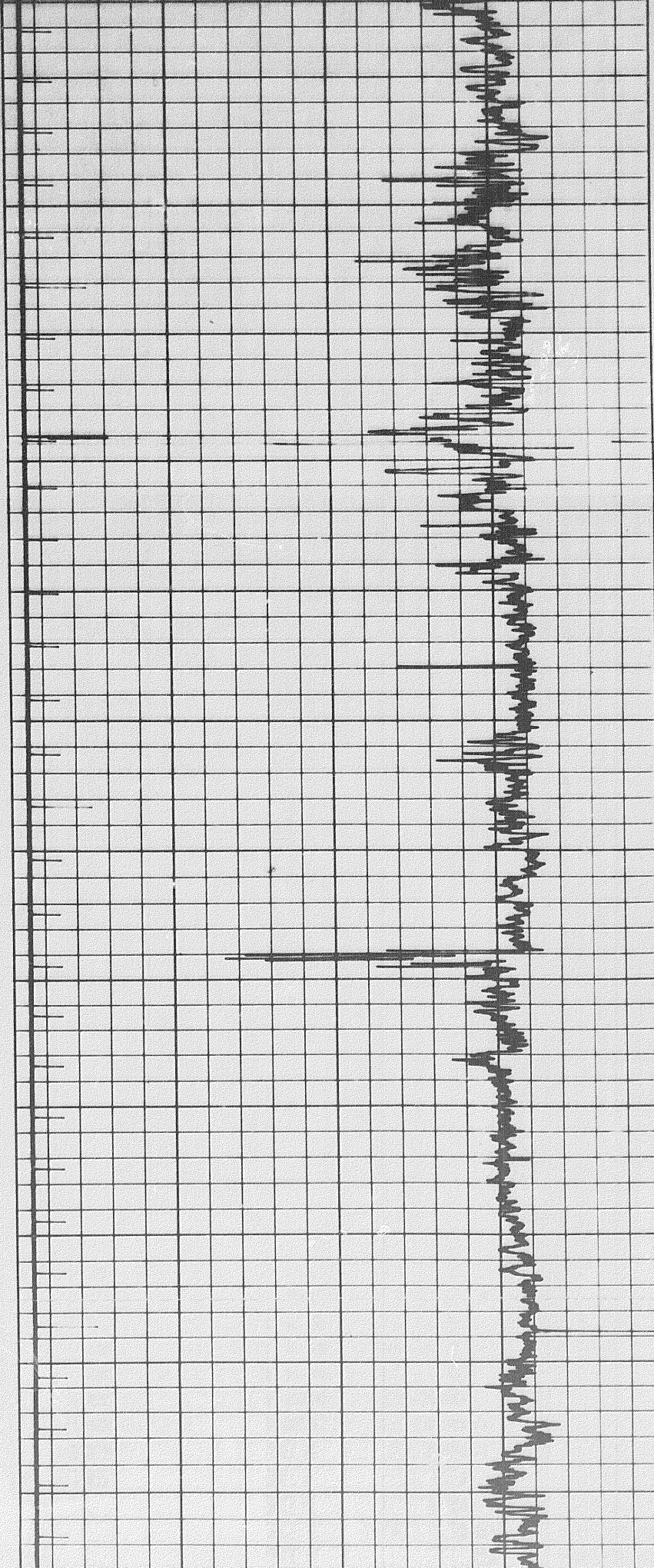


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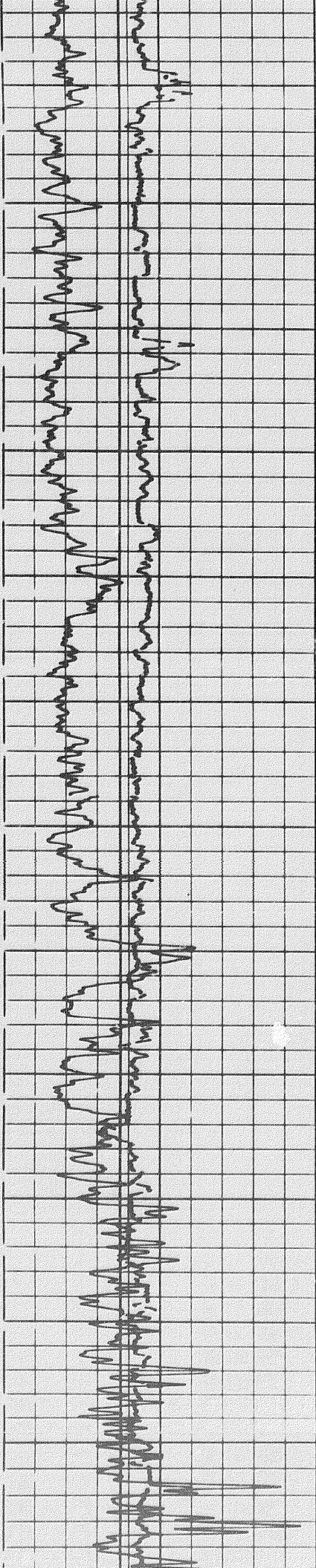




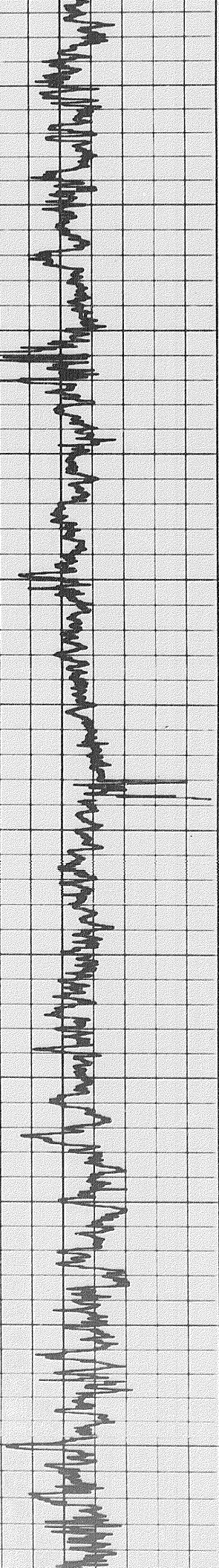
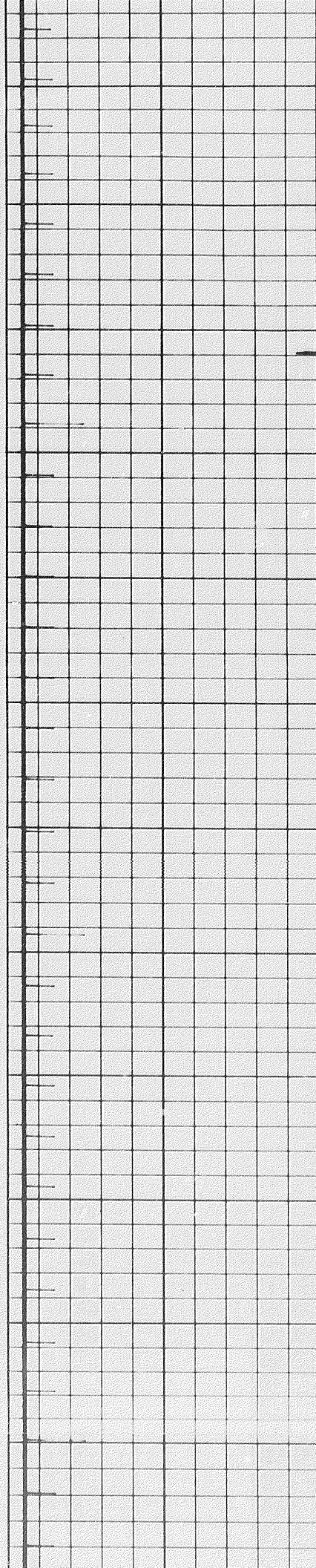
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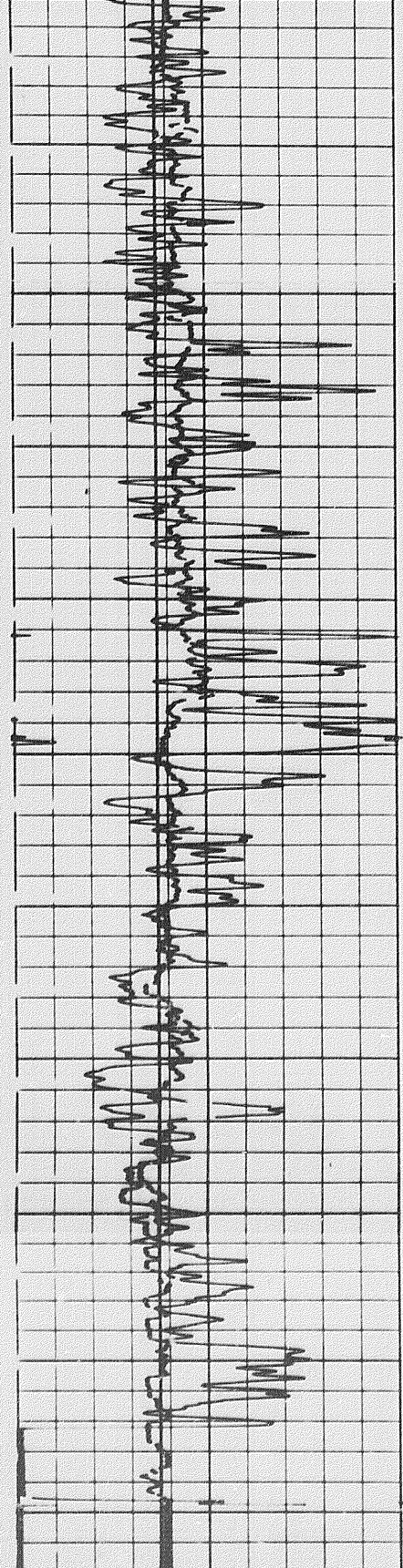


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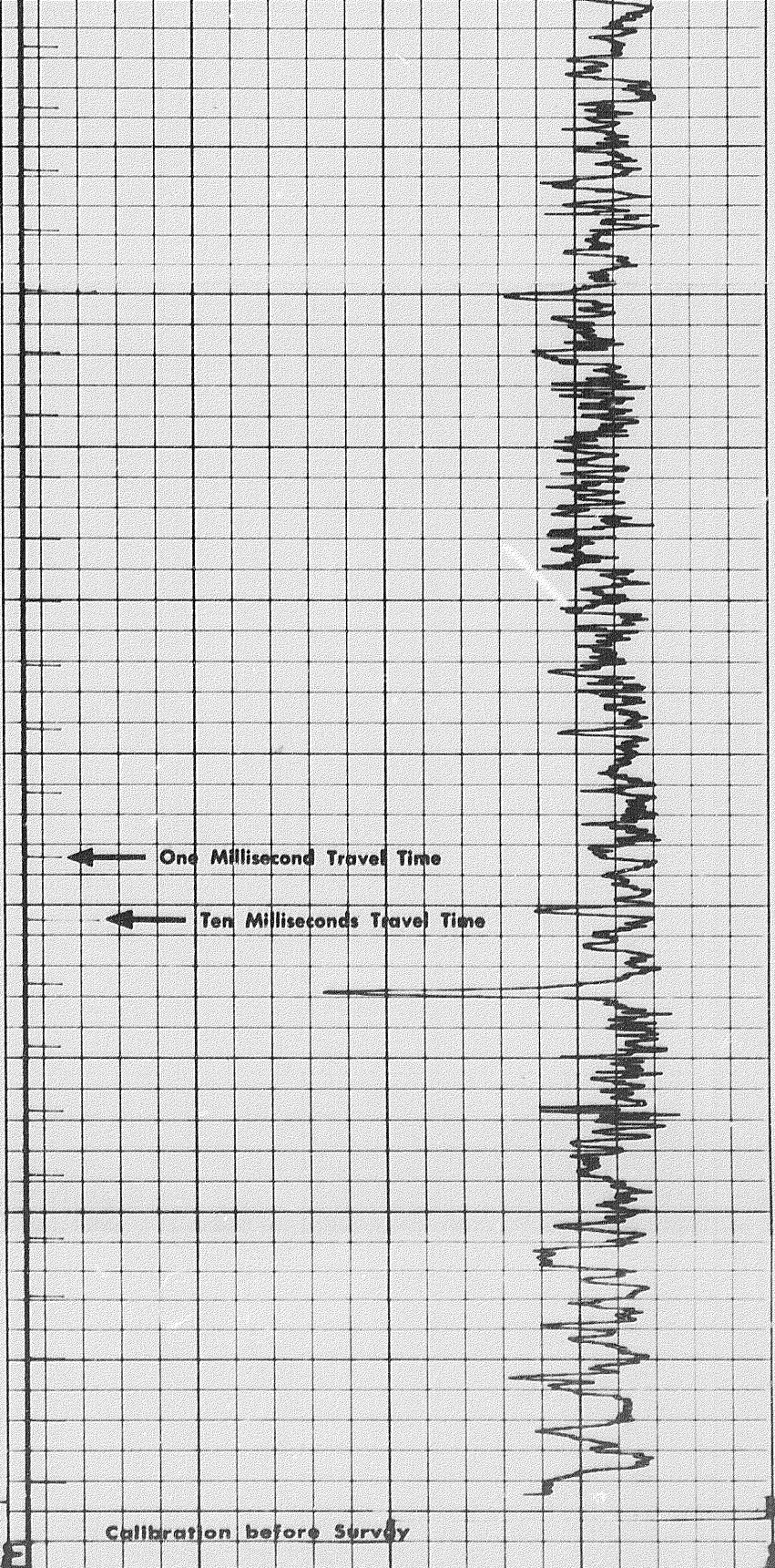


10100
10200
10300
10400
10500
10600





0000
00600
00700
00800
00900
10000



← One Millisecond Travel Time
← Ten Milliseconds Travel Time

FR

Calibration before Survey

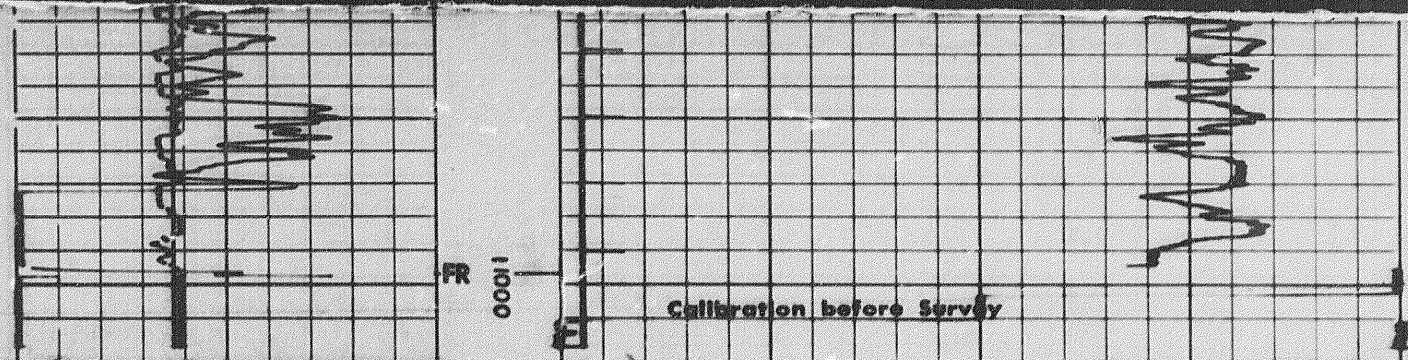
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|-------------------------------------------|---|--------------|---|----|----|----|----|----|
| 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| CALIPER hole diameter in inches | | | | | | | | |
| Sens. 100 | | T.C. 2 | | | | | | |
| Zero 0 | | div. to left | | | | | | |

Speeds

120

100

80



6 7 8 9 10 11 12 13 14

CALIPER
hole diameter in inches

Sens. 100 T.C. 2
Zero 0 div. to left

Speed in FPM

0 100
100 200

| | | |
|-----|-----|----|
| 120 | 100 | 80 |
| 80 | 60 | 40 |

GAMMA RAY
API UNITS

DEPTH

SONIC
INTERVAL TRANSIT TIME
microseconds per foot

DETAIL LOG
2" = 100'

RUN 1

GAMMA RAY
API UNITS

DEPTH

SONIC
INTERVAL TRANSIT TIME
microseconds per foot

Speed in FPM

Sens. 100 T.C. 2
Zero 0 div. to left

0 100
100 200

| | | |
|-----|-----|-----|
| 140 | 90 | 40 |
| 240 | 190 | 100 |

CALIPER
hole diameter in inches

6 7 8 9 10 11 12 13 14

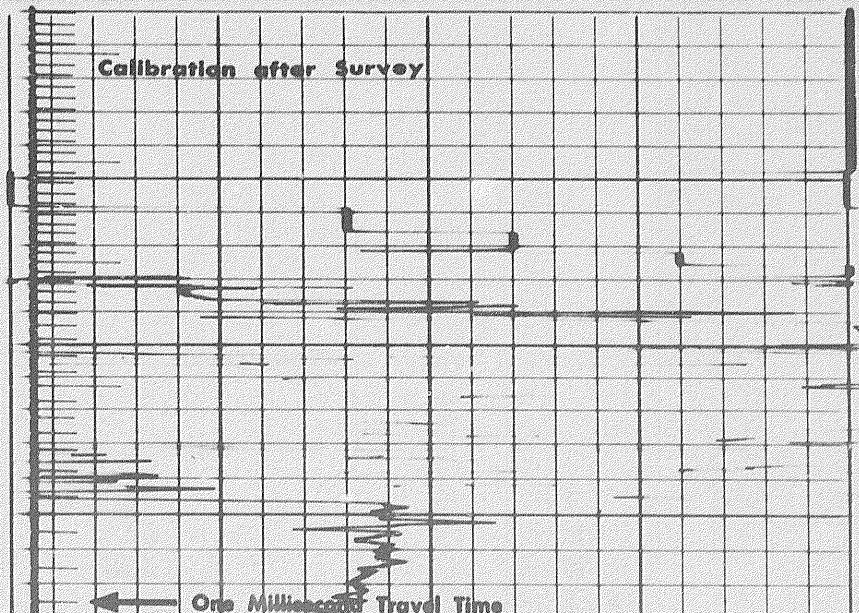
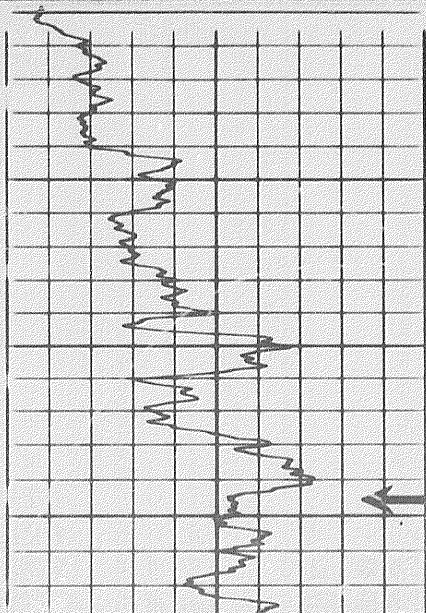
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Calibration after Survey

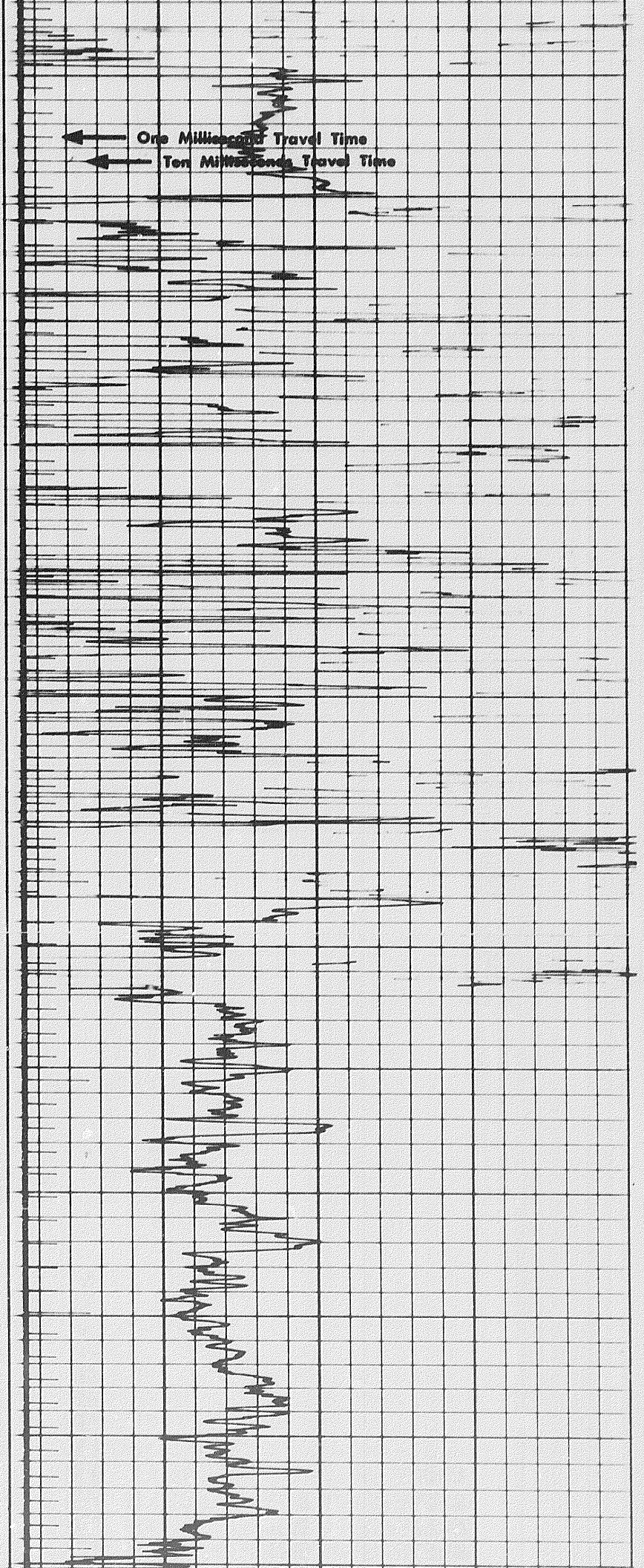
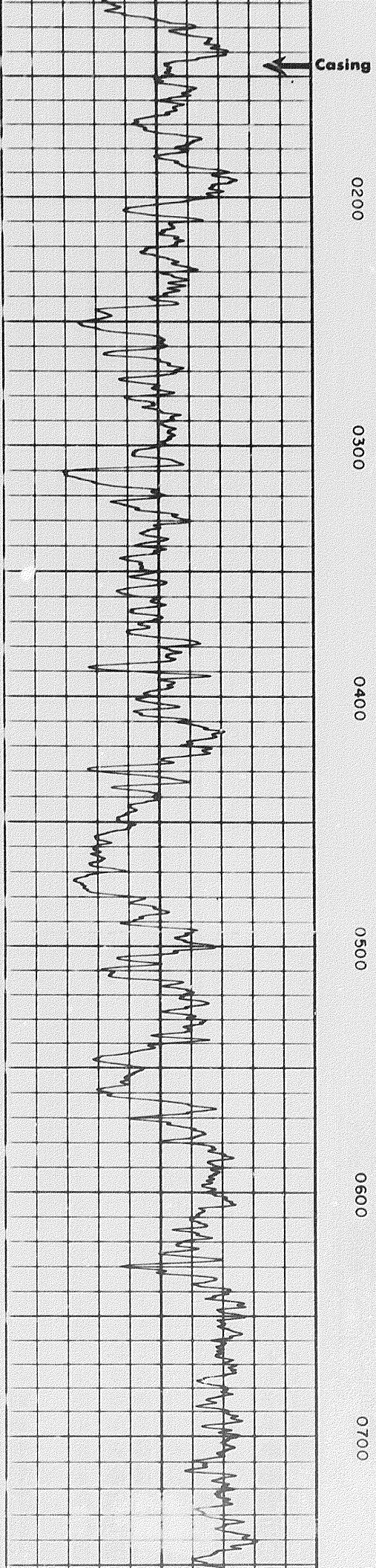
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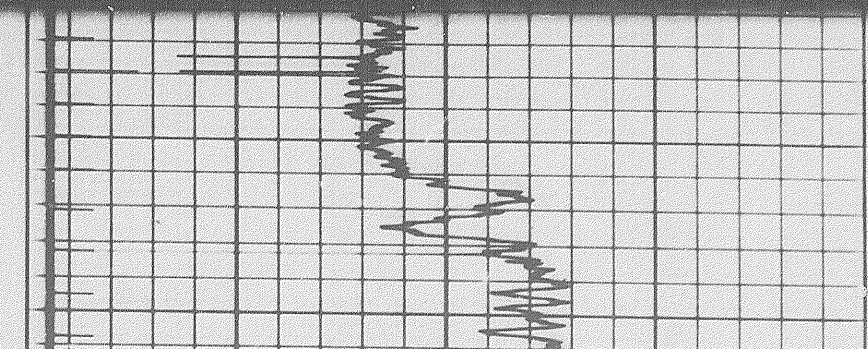
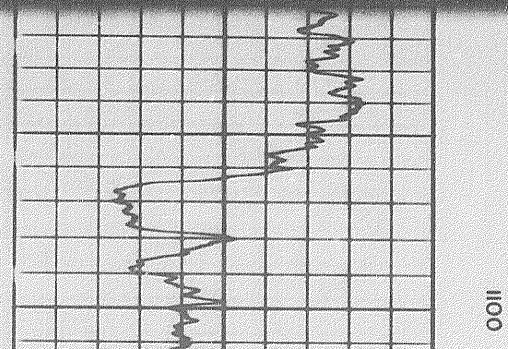
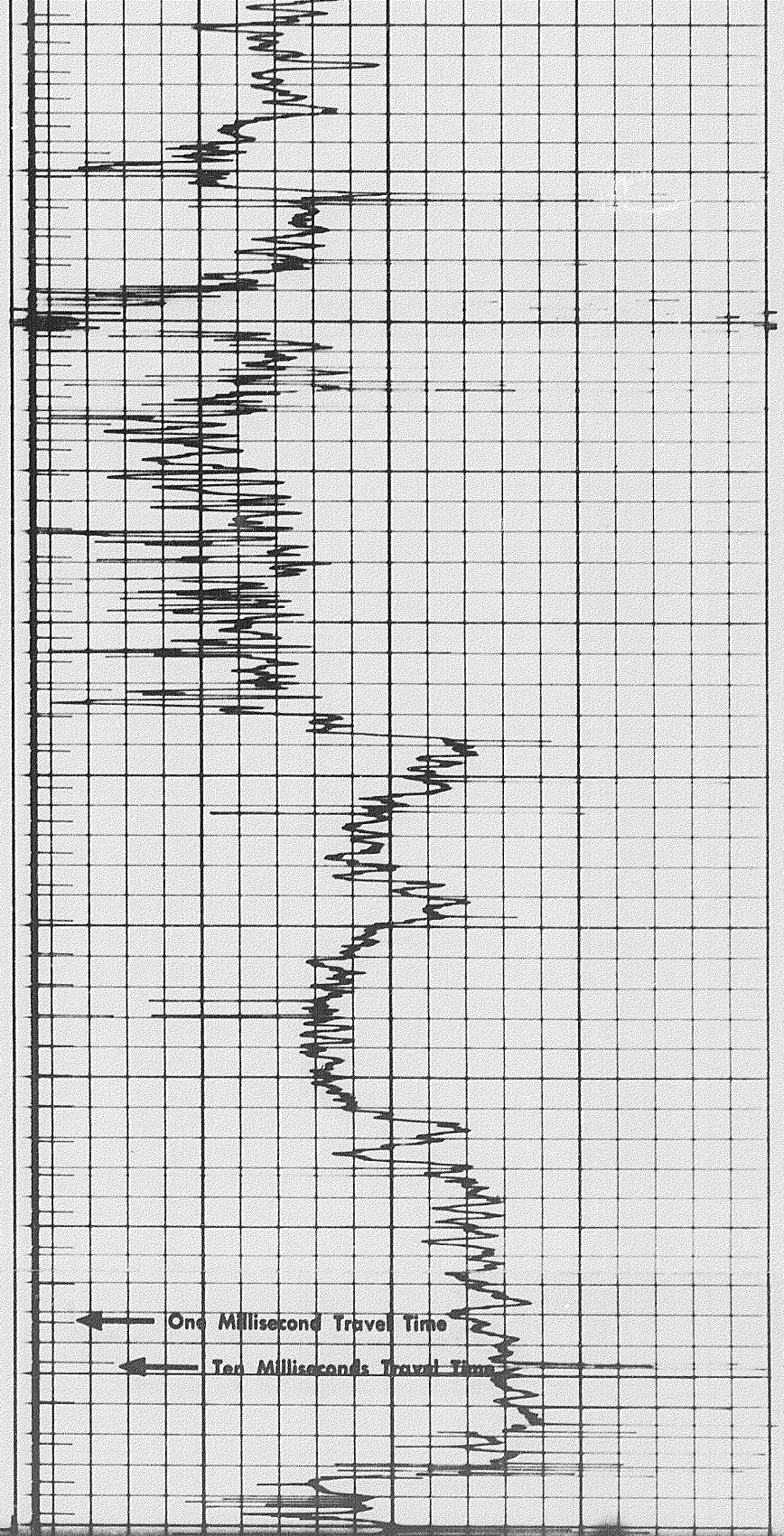
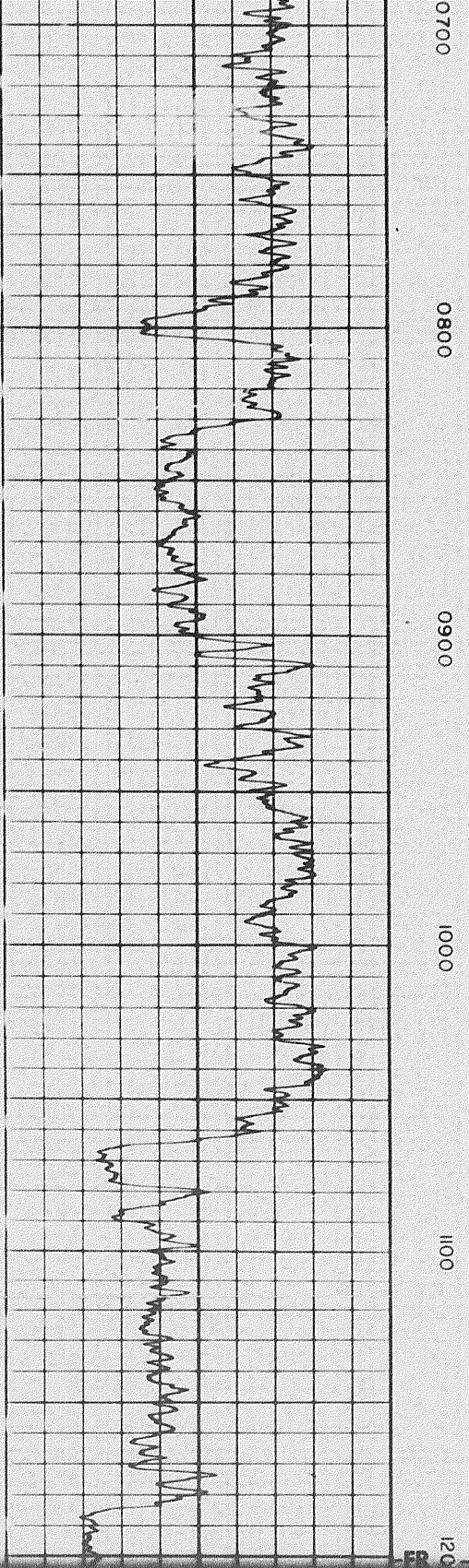
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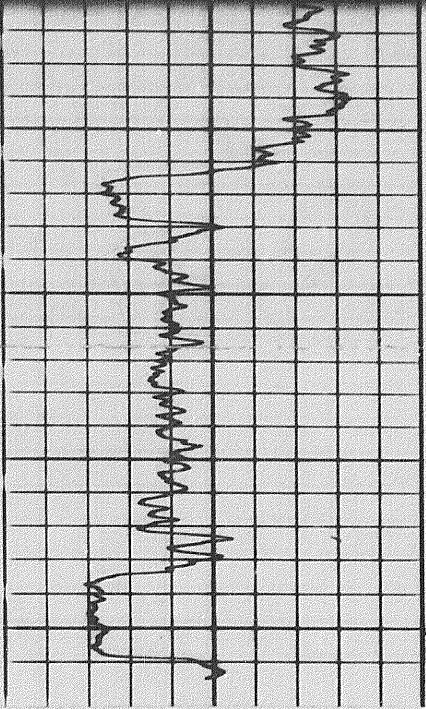
One Millisecond Travel Time



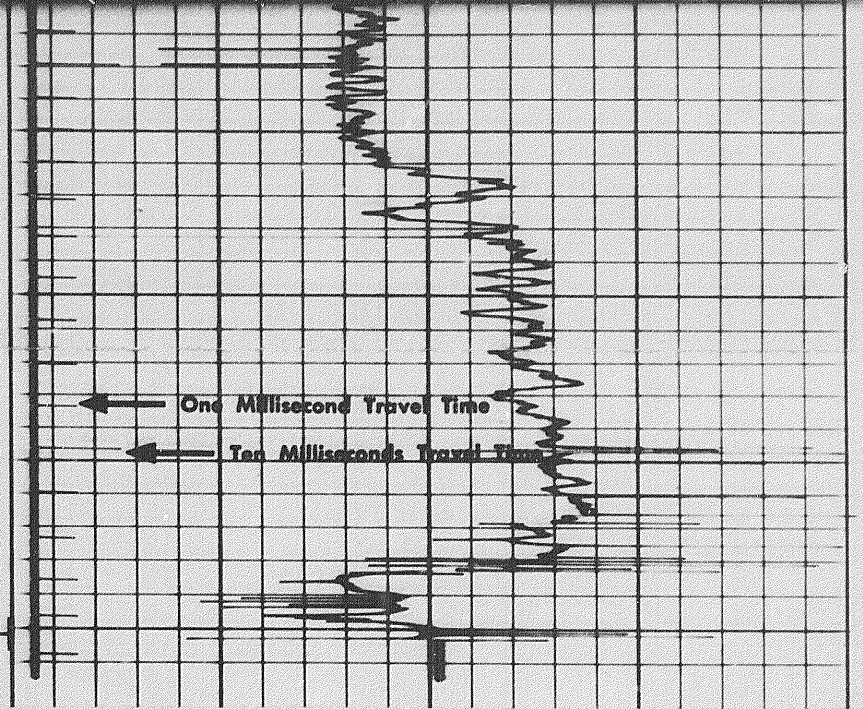
901



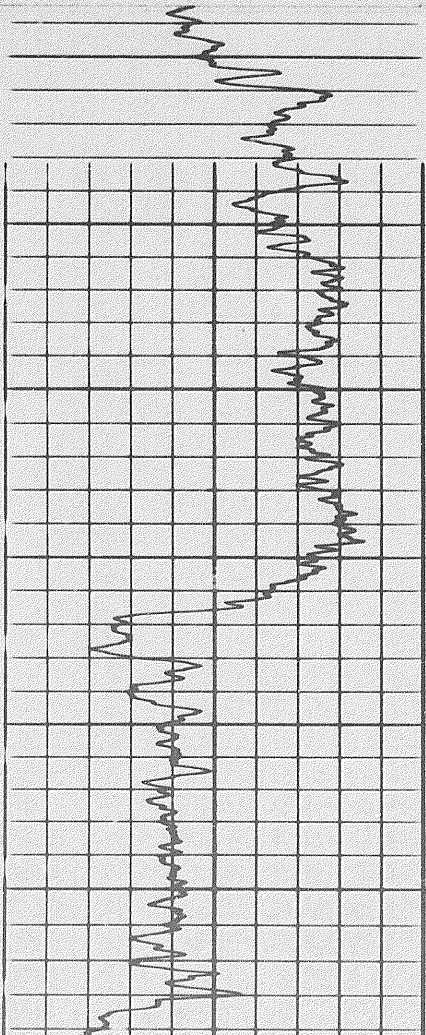




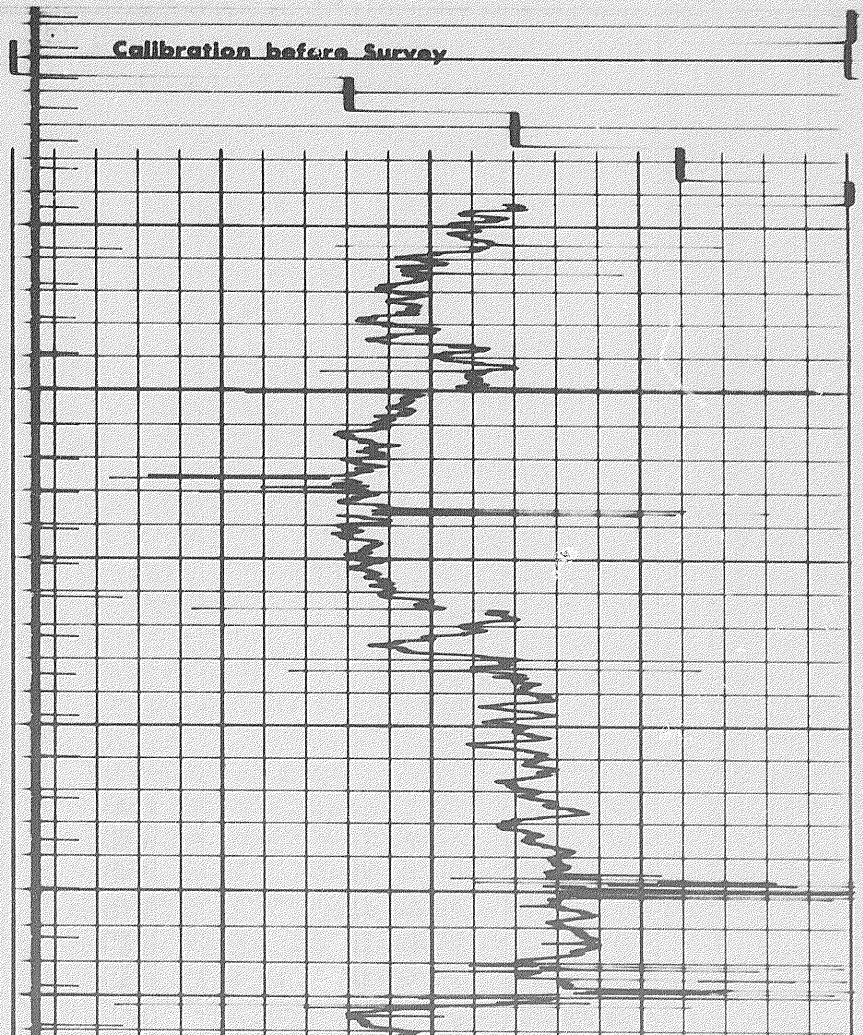
1100
FR 1200

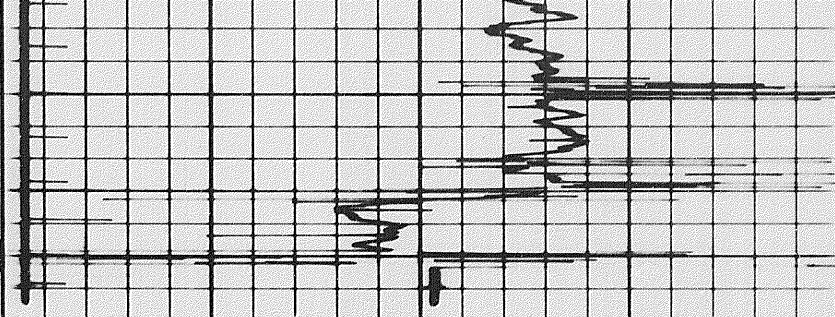
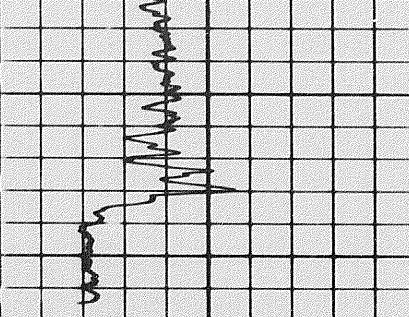


REPEAT SECTION

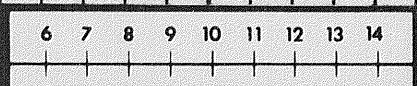


0900
1000
1100

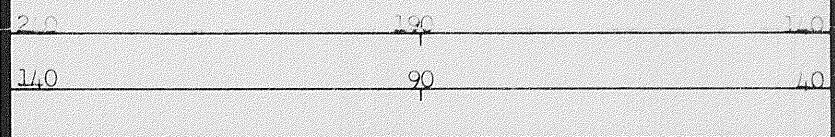
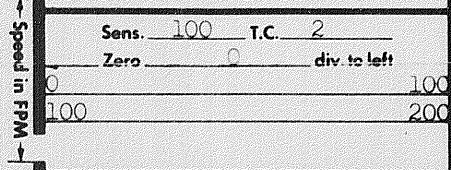




FR
1200



CALIPER
hole diameter in inches



GAMMA RAY
API UNITS

DEPTHS

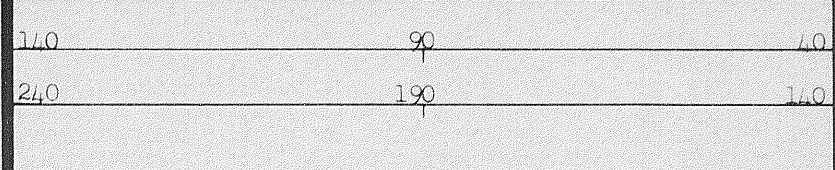
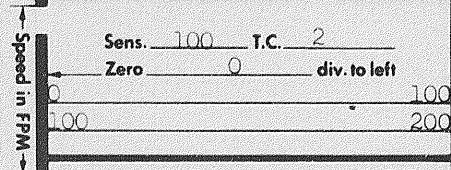
SONIC
INTERVAL TRANSIT TIME
microseconds per foot

DETAIL LOG
5" = 100' RUN 1

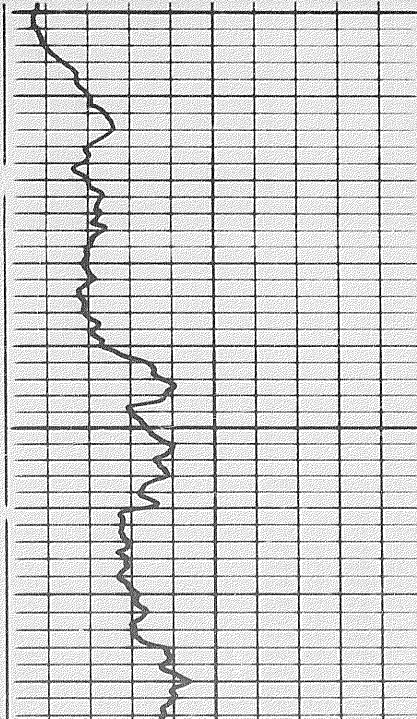
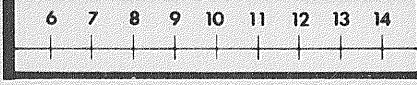
GAMMA RAY
API UNITS

DEPTHS

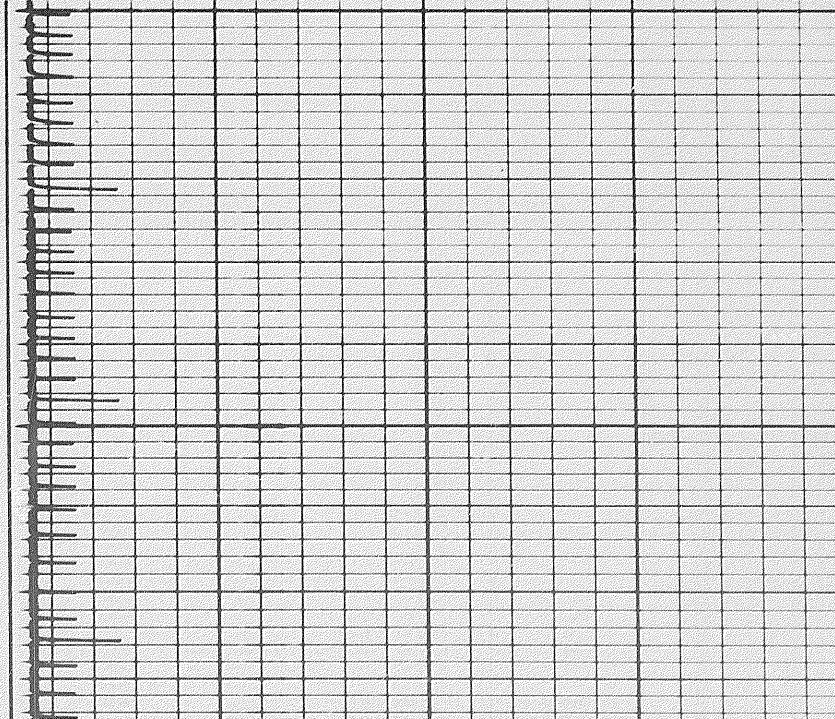
SONIC
INTERVAL TRANSIT TIME
microseconds per foot



CALIPER
hole diameter in inches

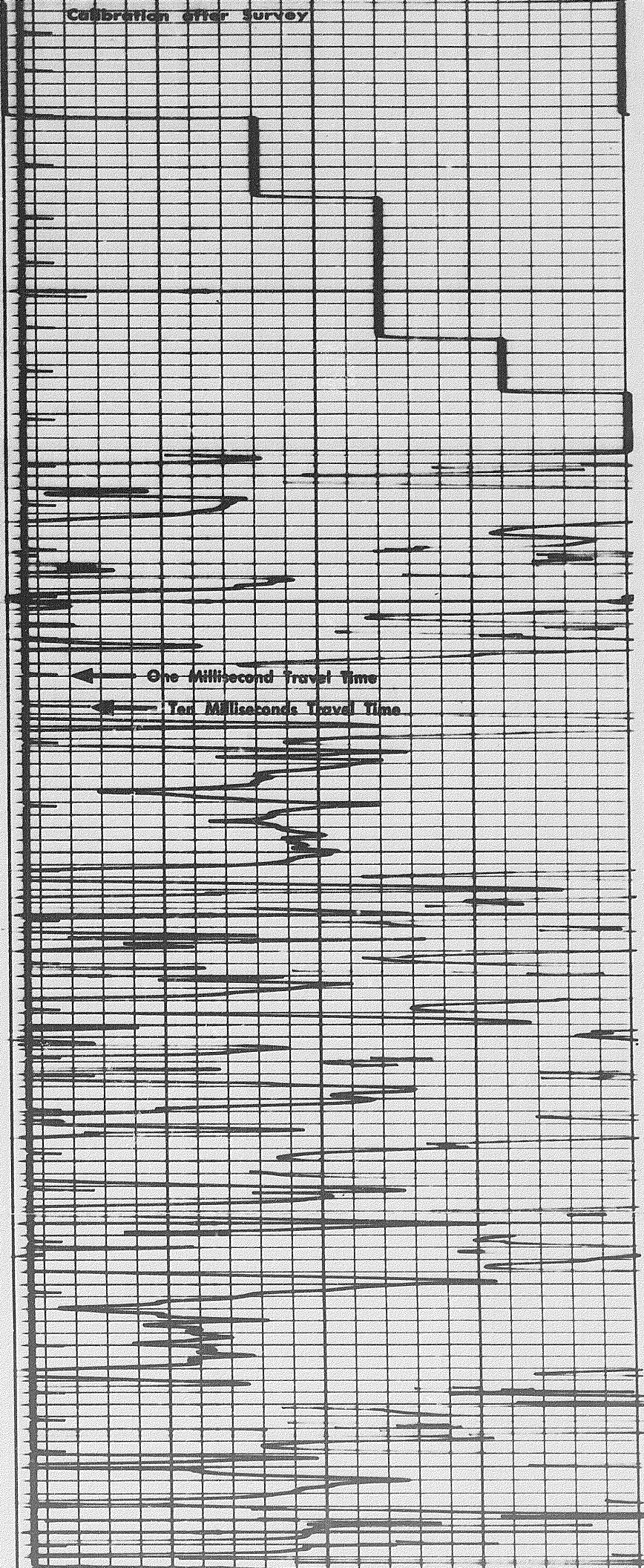


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10 of 70

Calibration after Survey

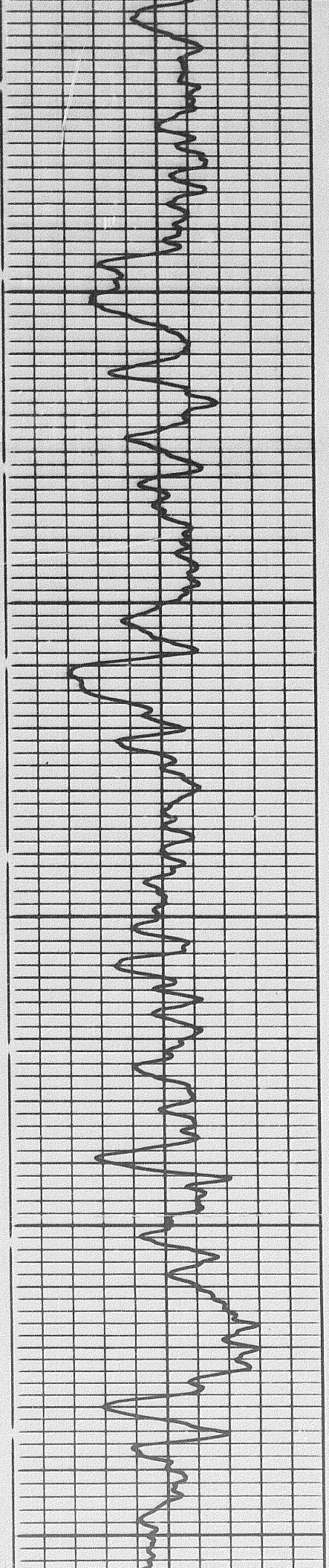


One Millisecond Travel Time

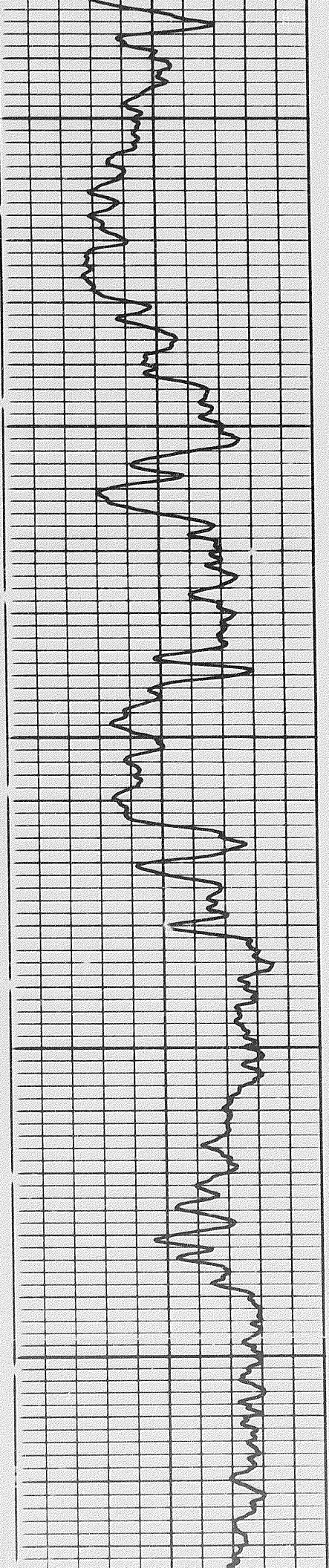
Ten Milliseconds Travel Time

0300

0400

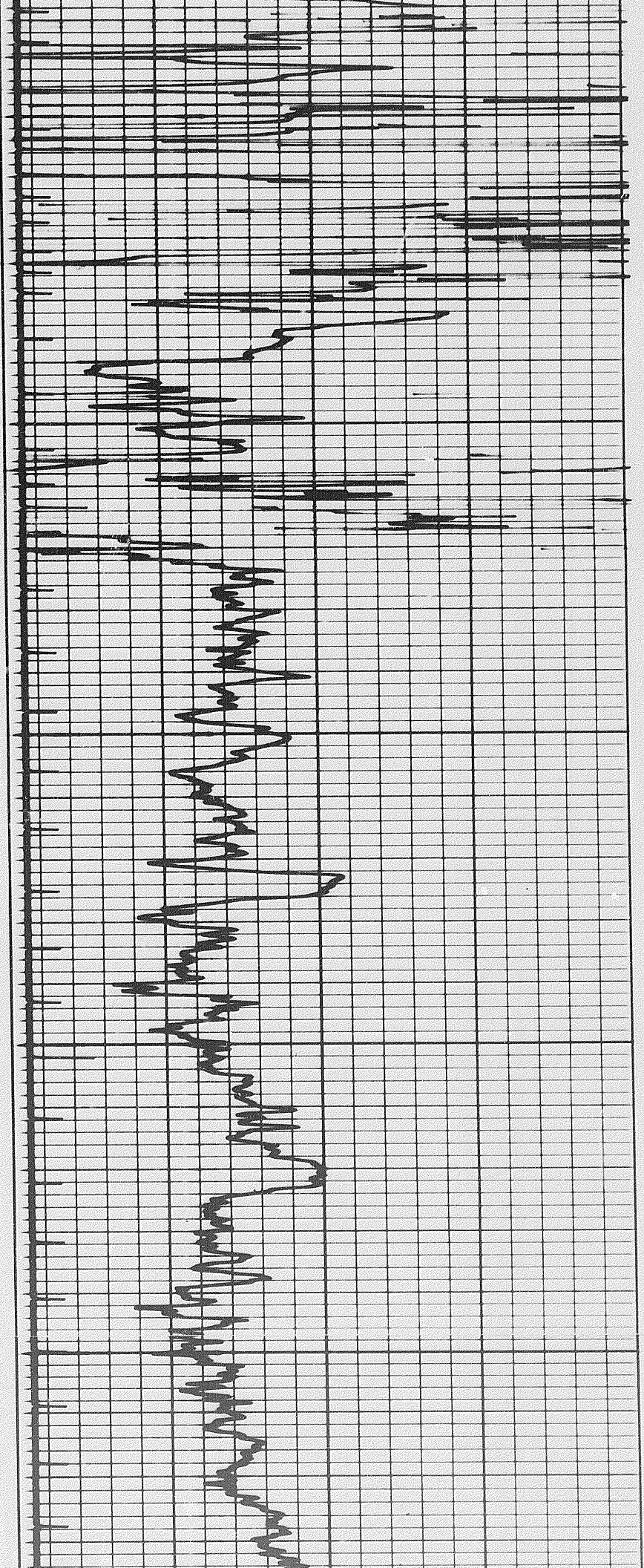


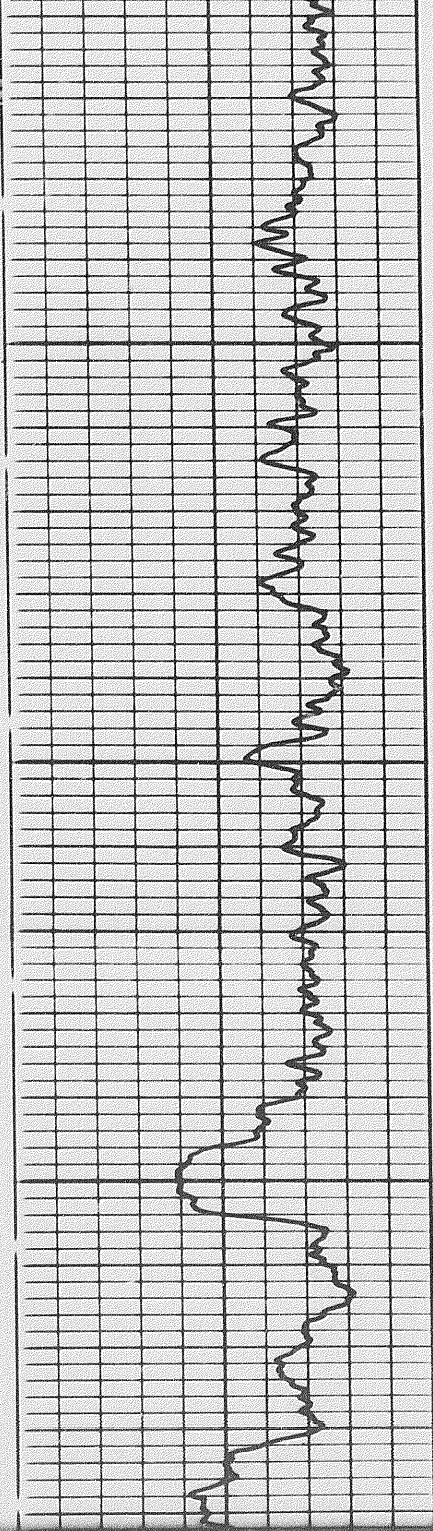
1107



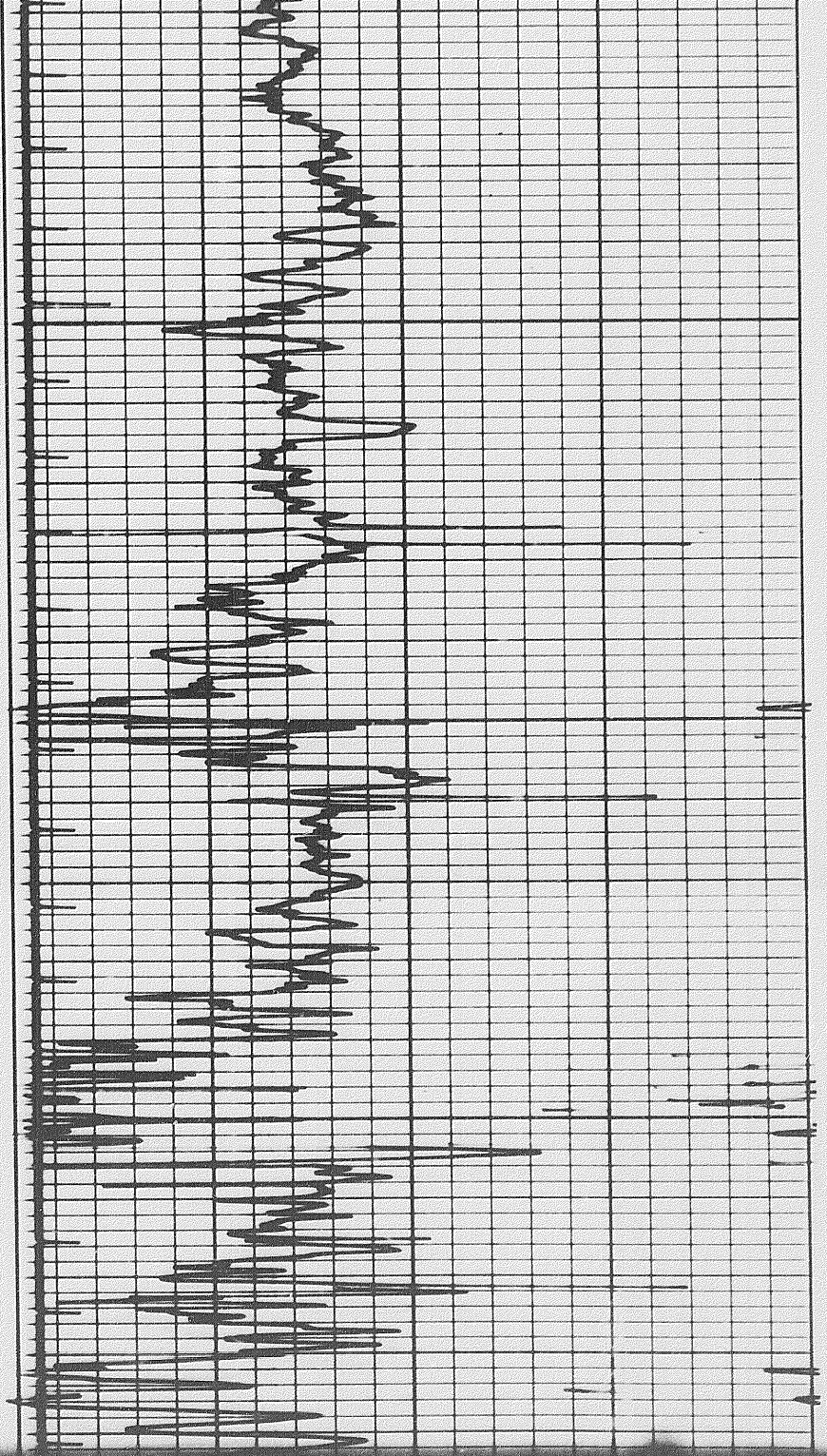
0500

0600

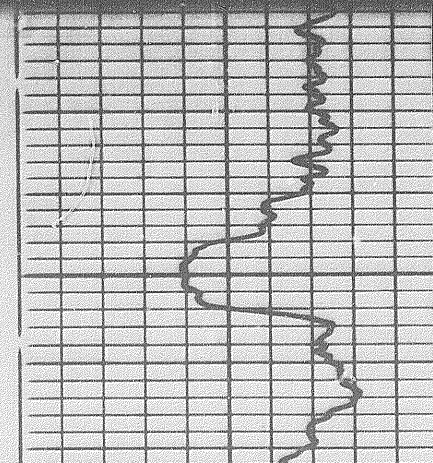




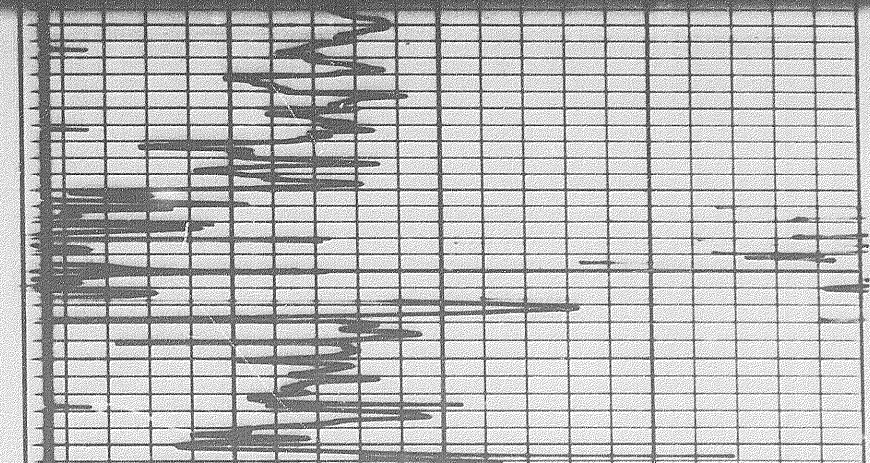
0700

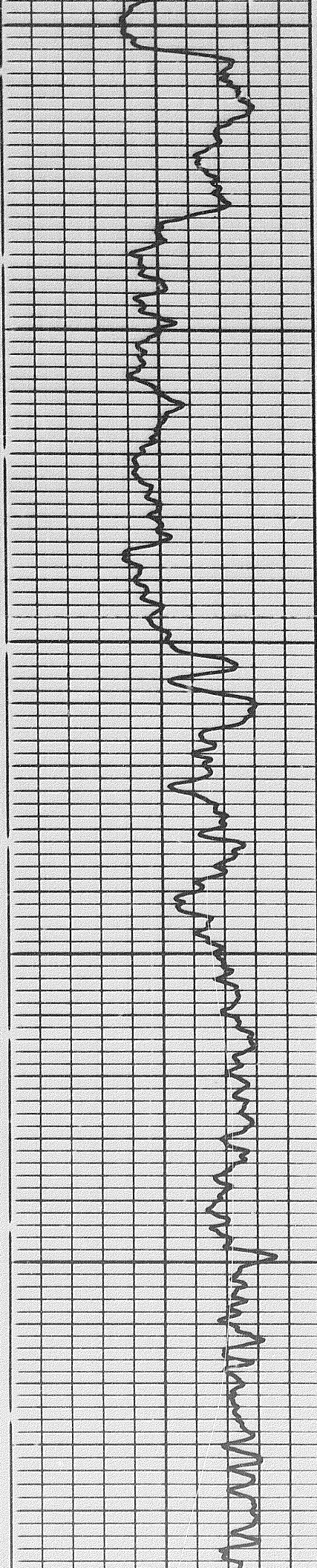


0800



0800

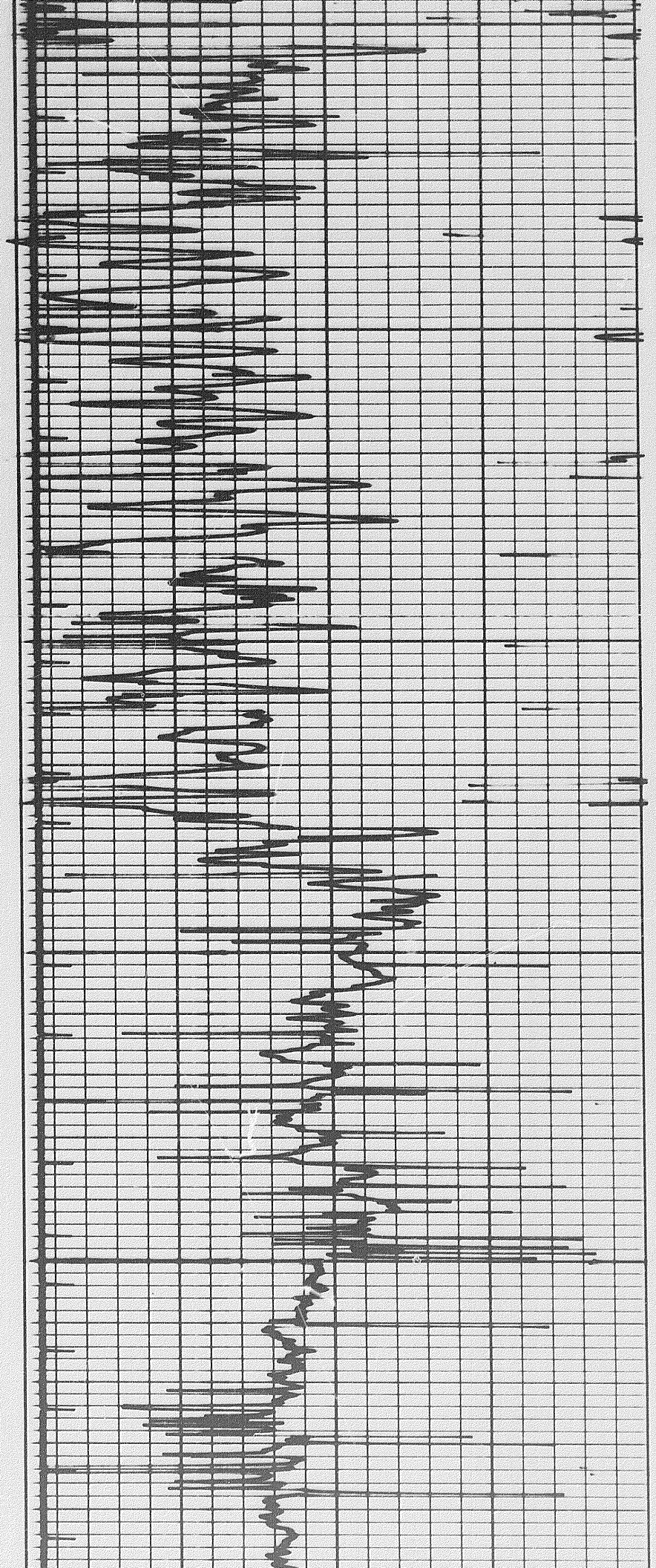




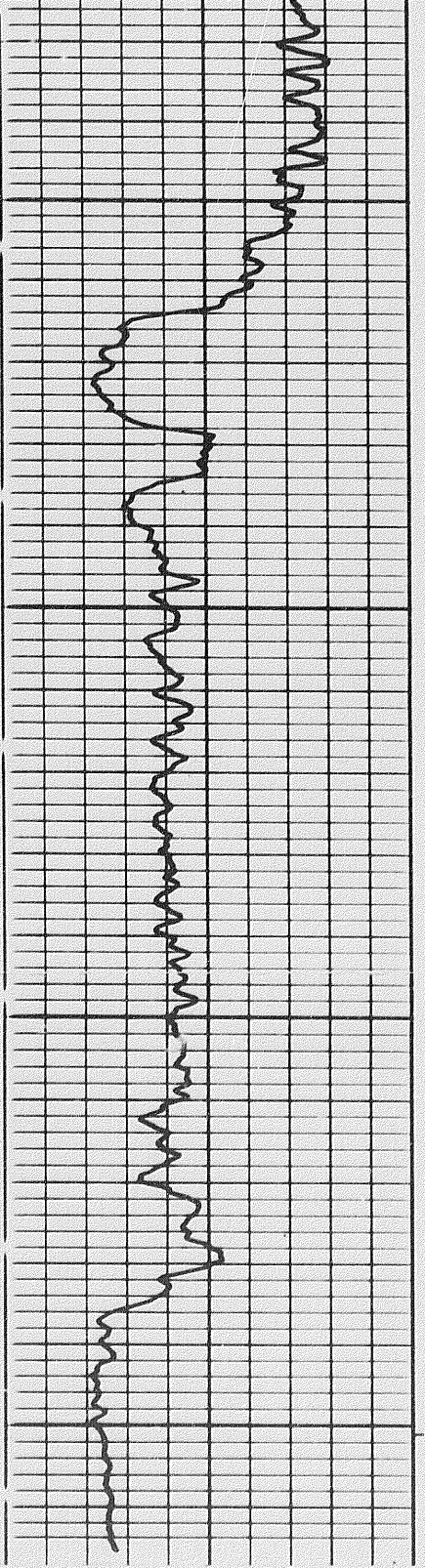
0060

0900

1000

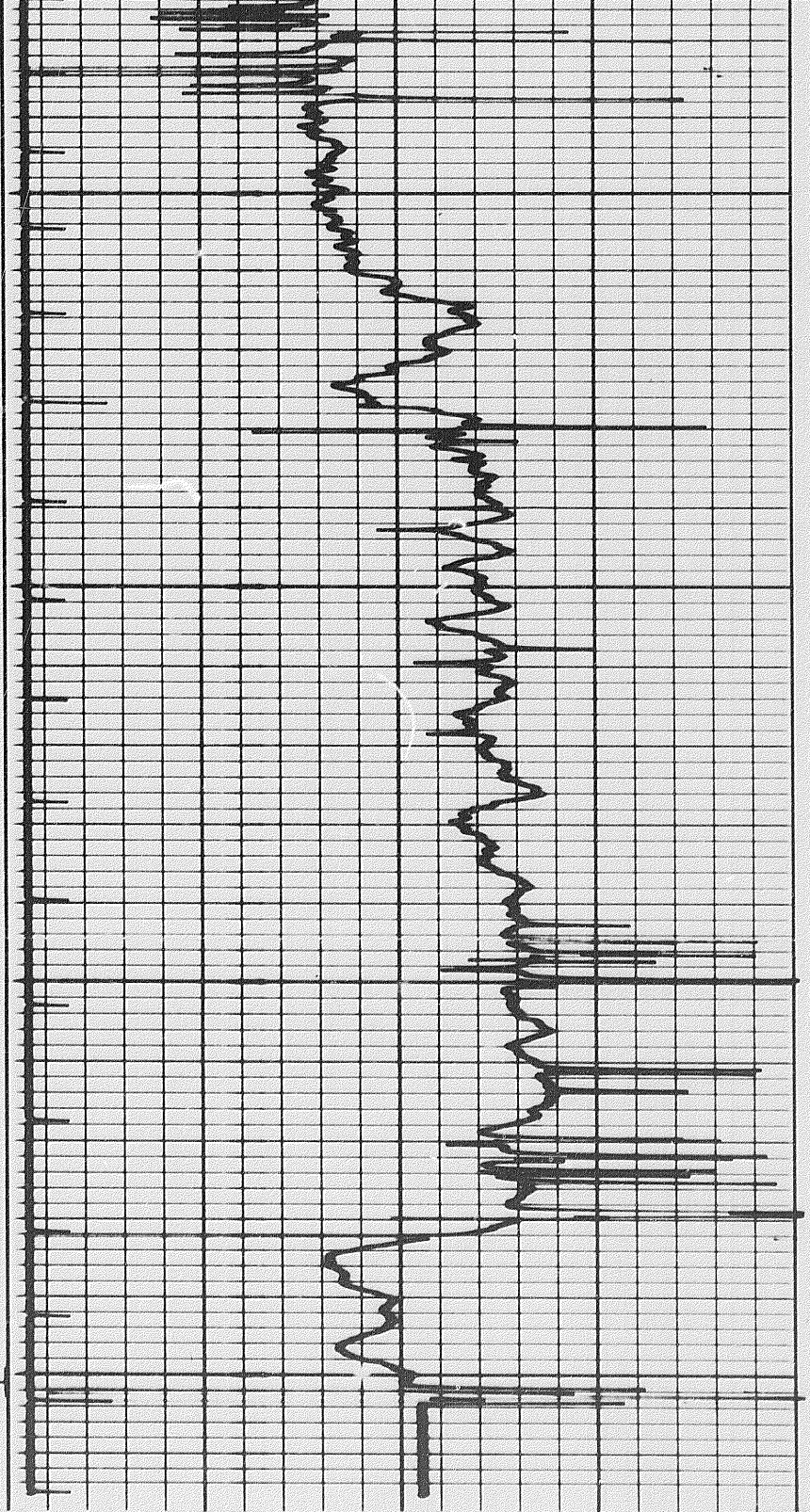


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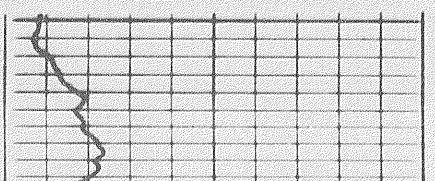


1100

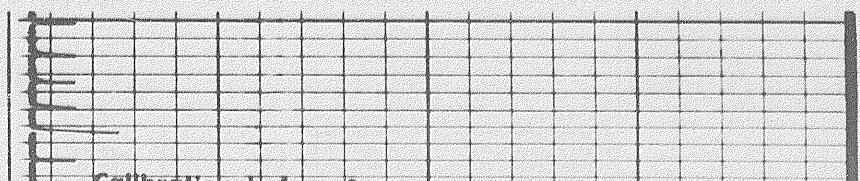
FR 1200

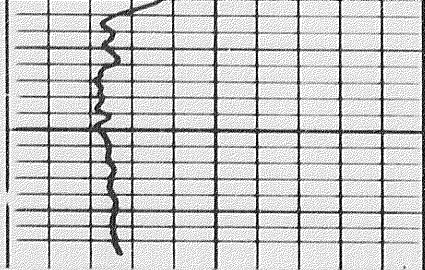


REPEAT SECTION

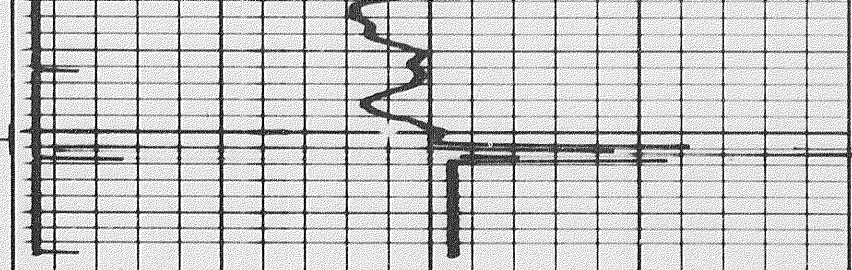


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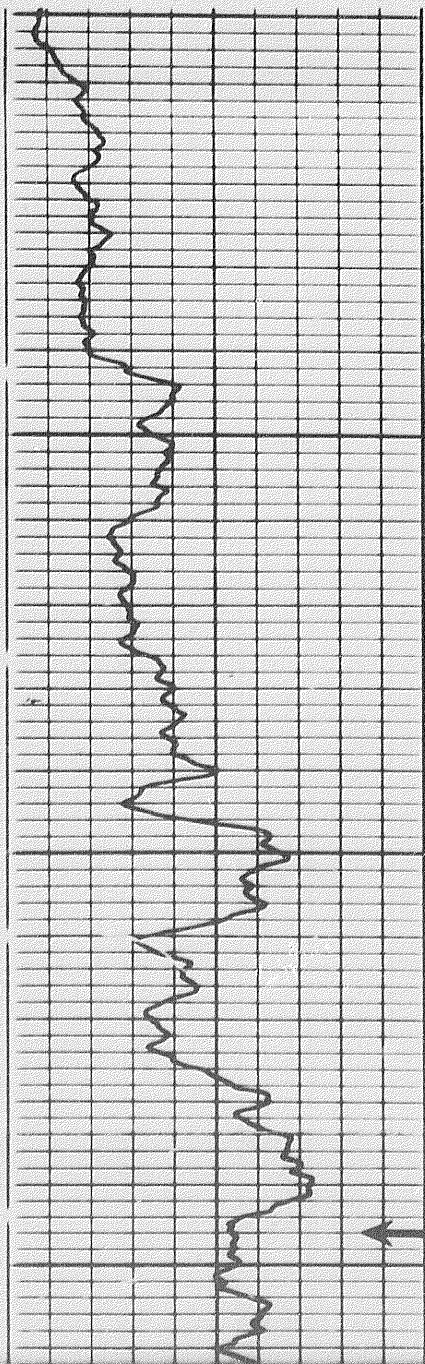




FR
1200



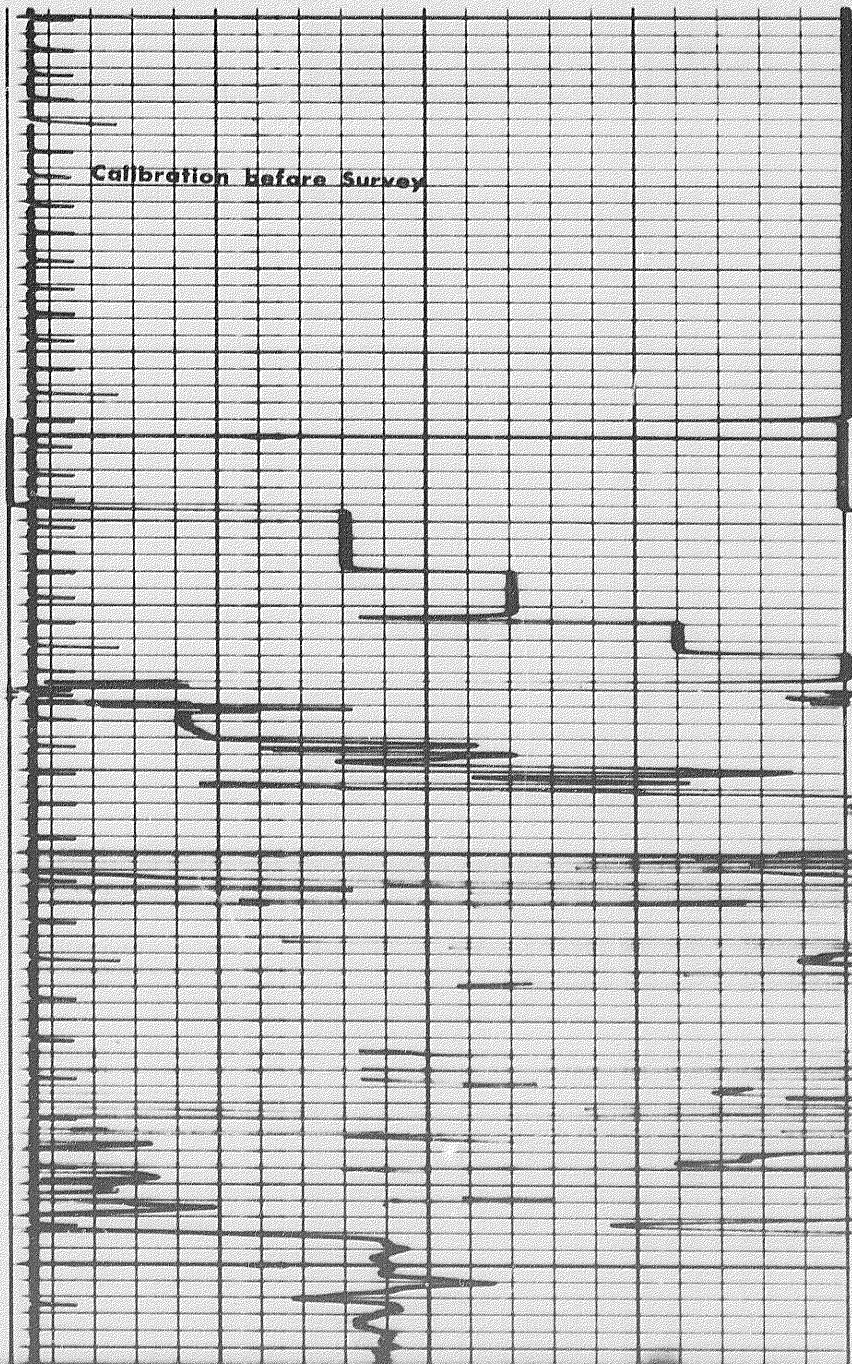
REPEAT SECTION



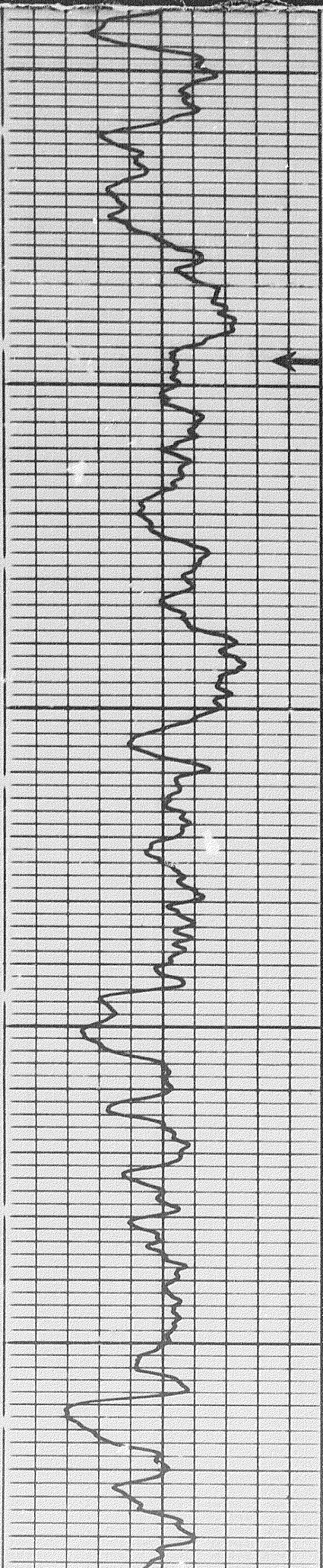
000

0100

← Casing



Calibration Before Survey

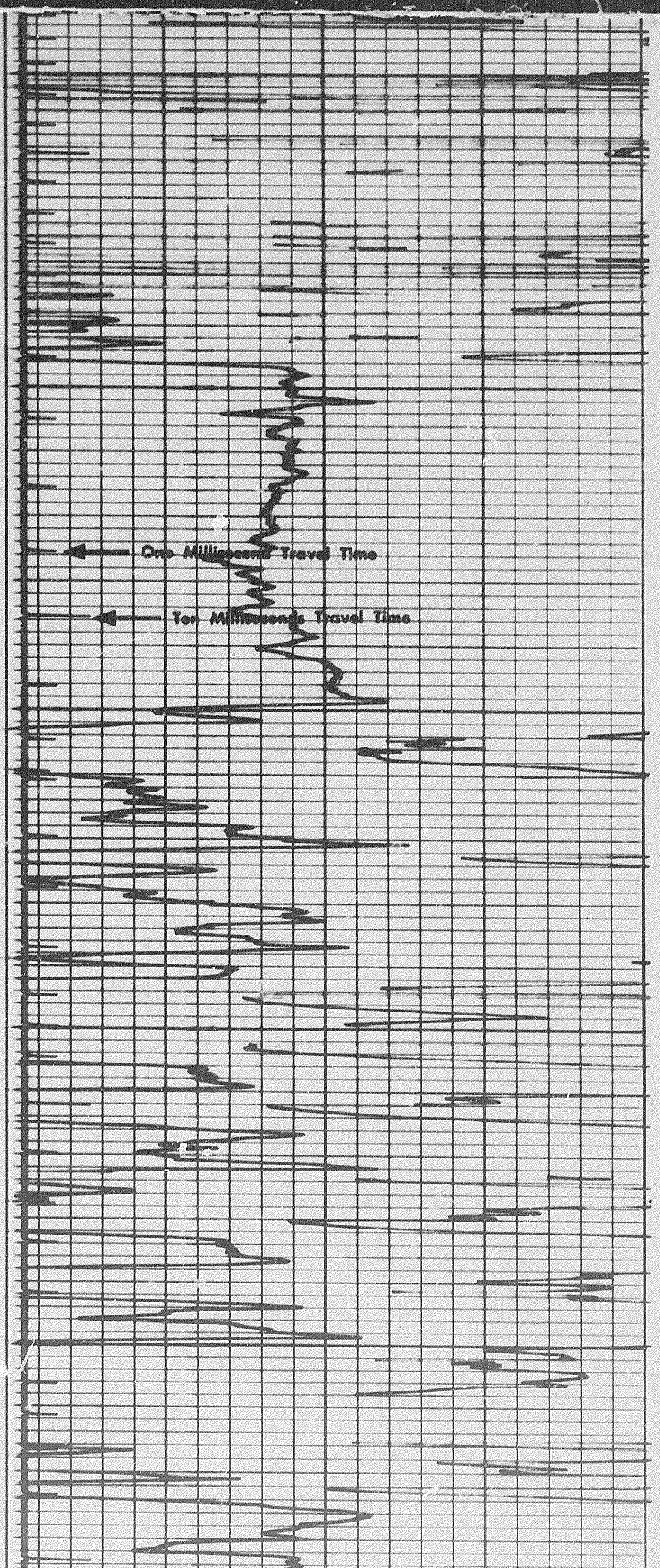


0100

Casing

0200

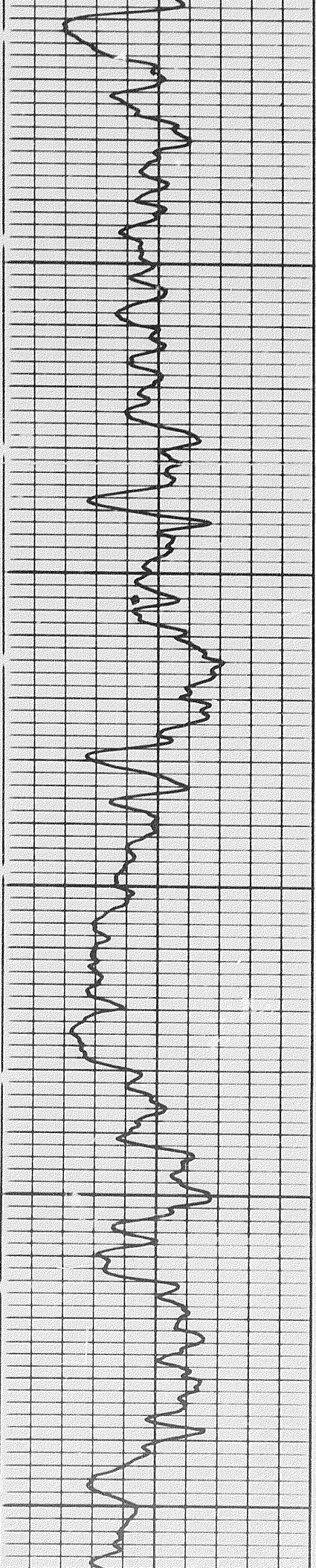
0300



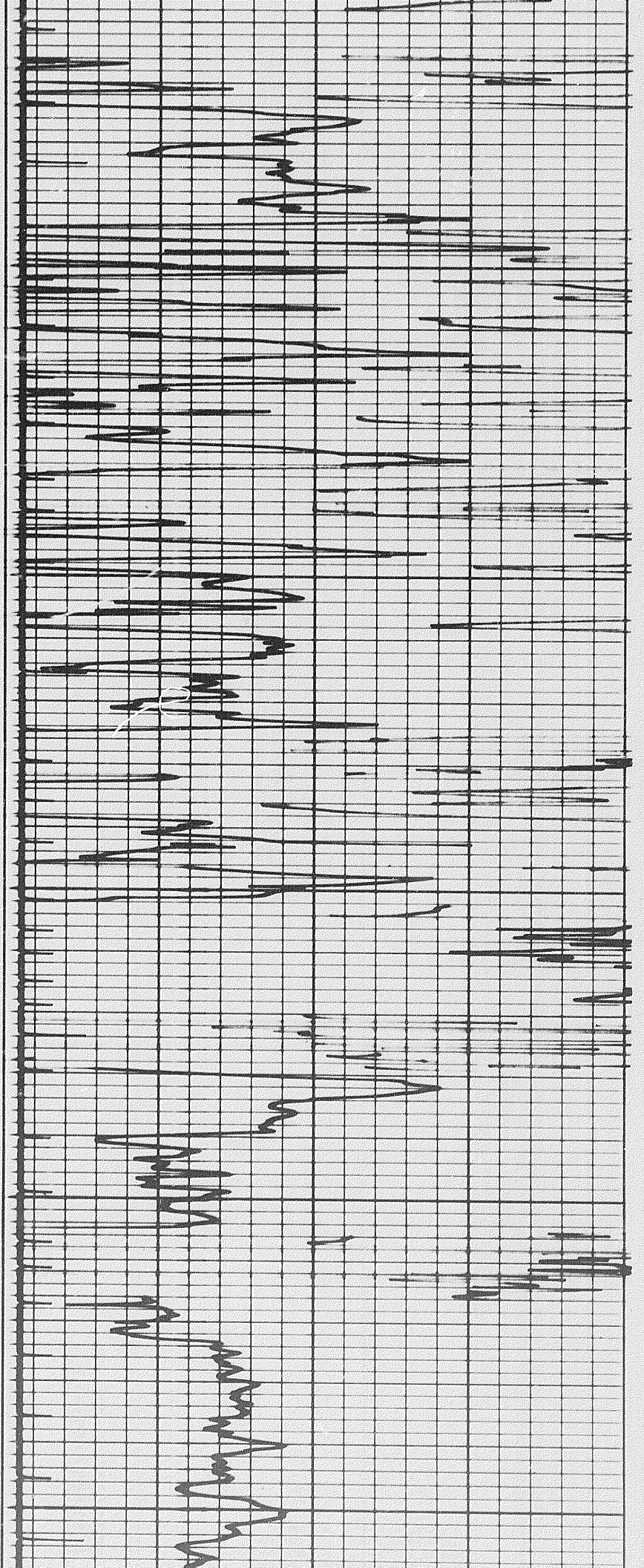
One Millisecond Travel Time

Ten Milliseconds Travel Time

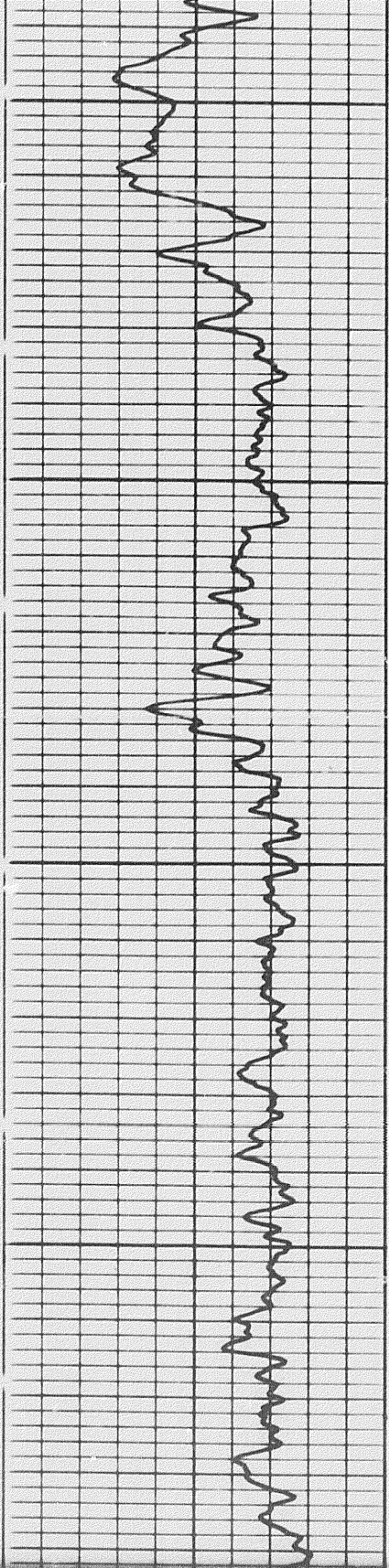
1307



0400

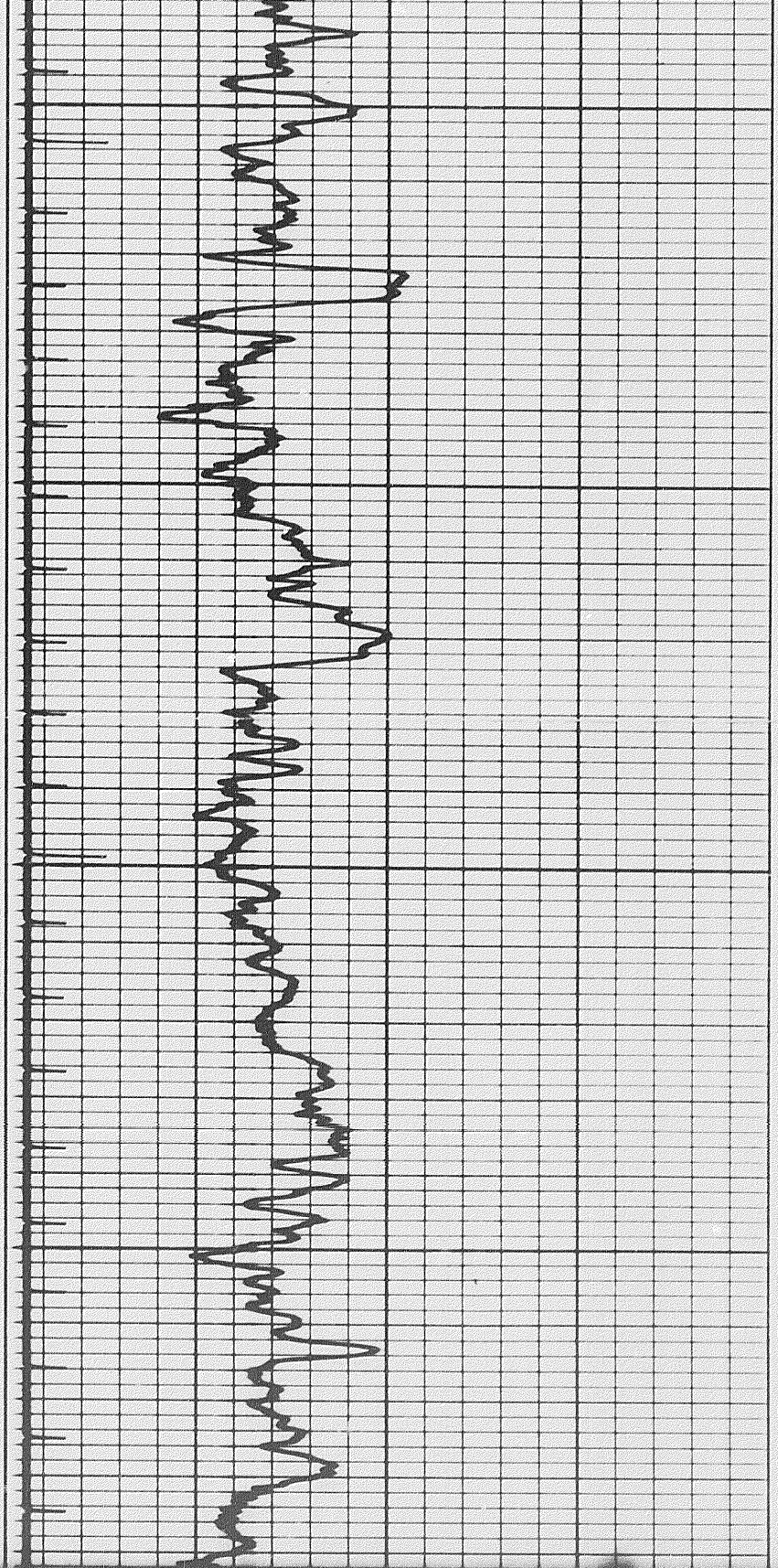


0500

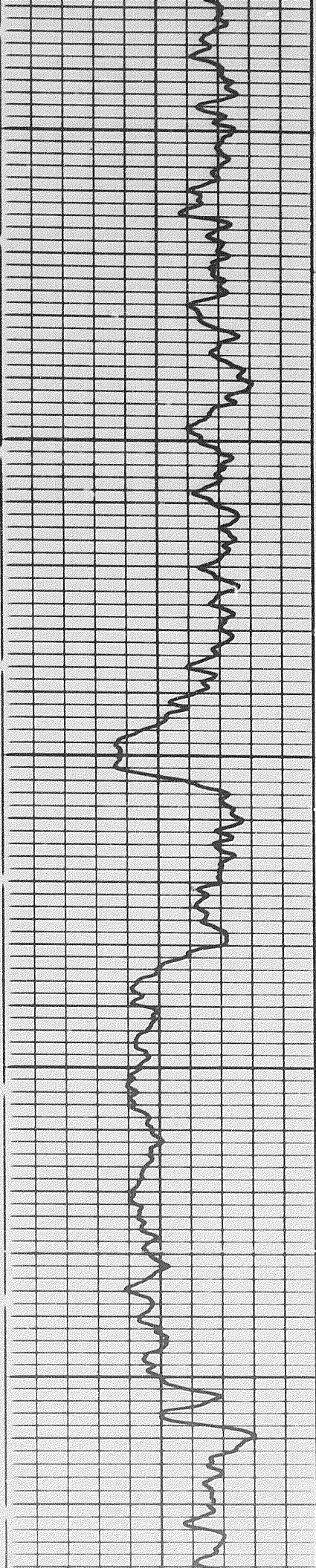


0600

0700



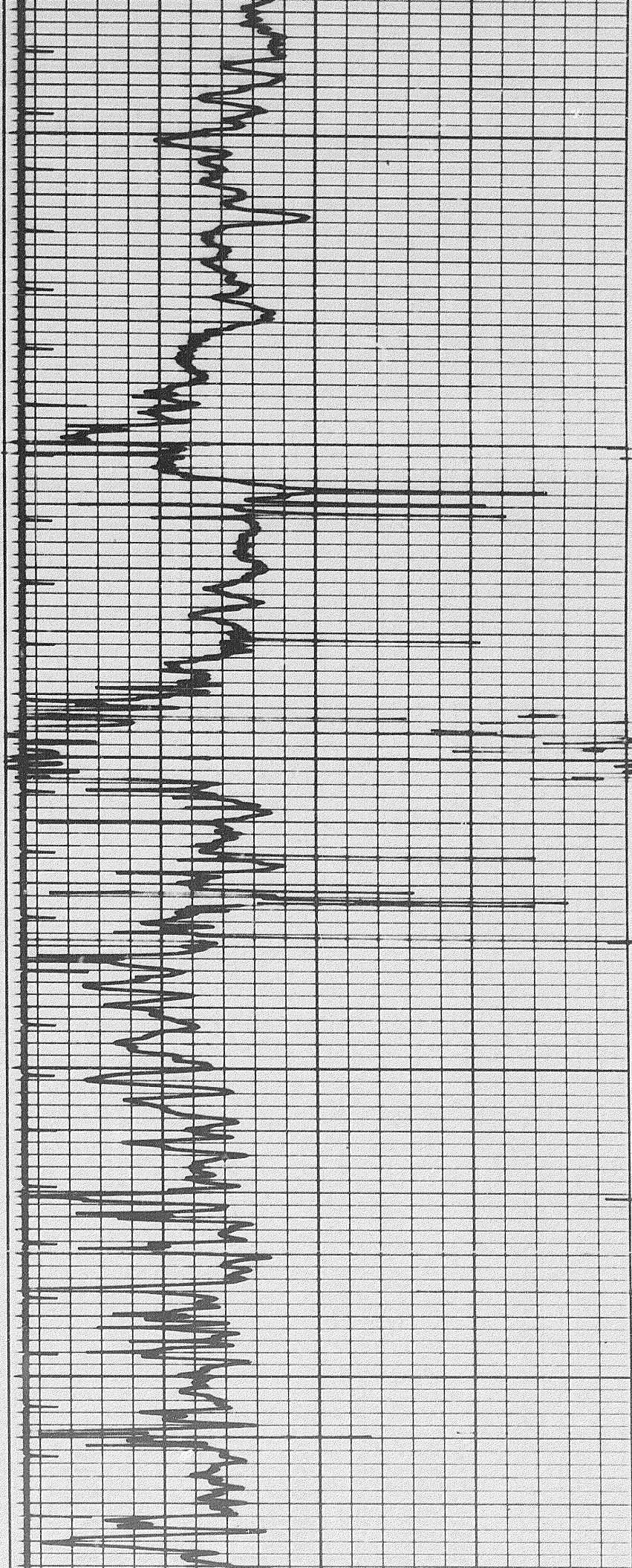
0700



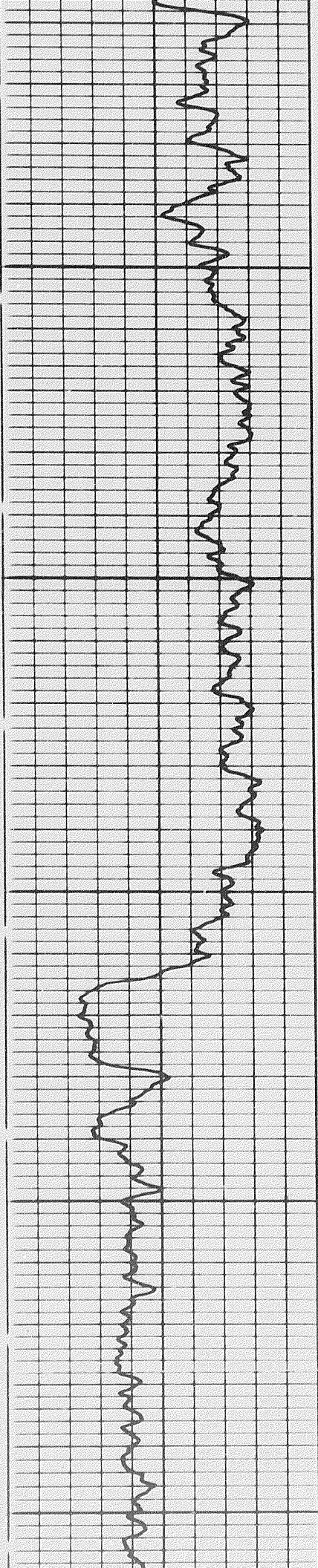
0700

0800

0900

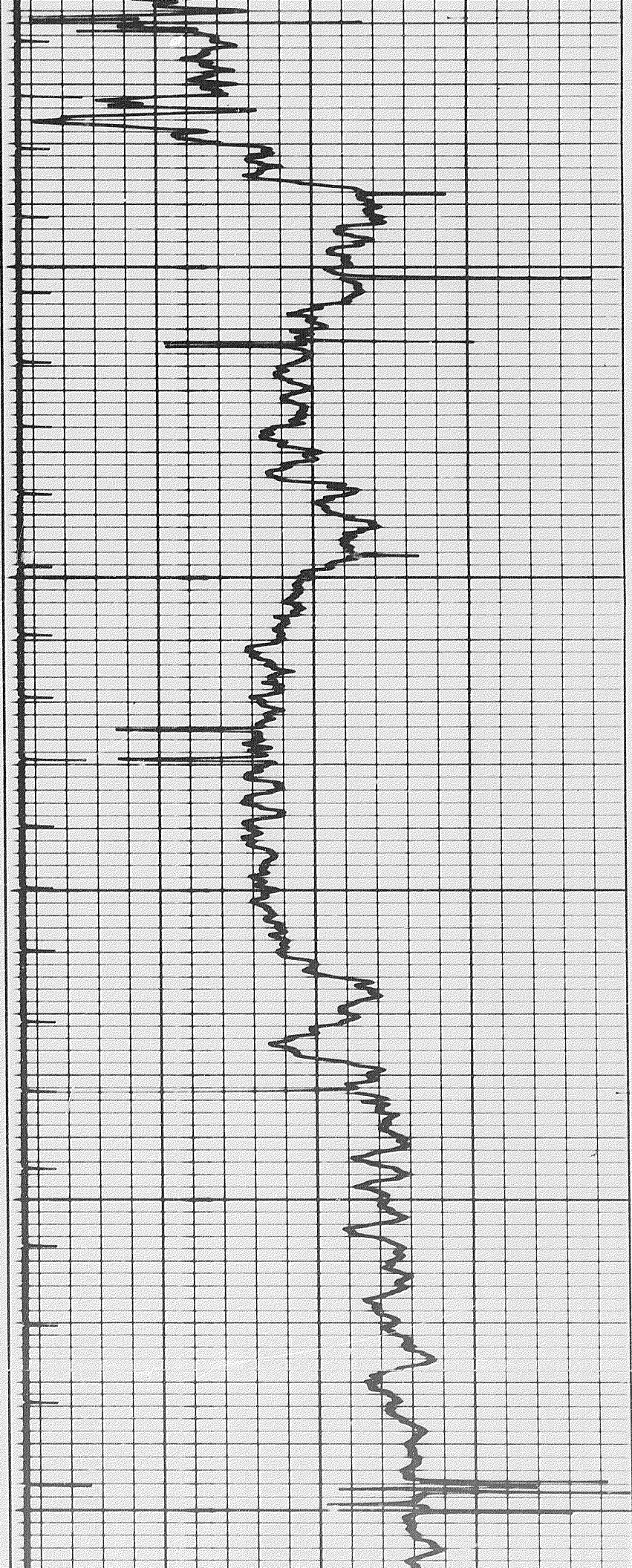


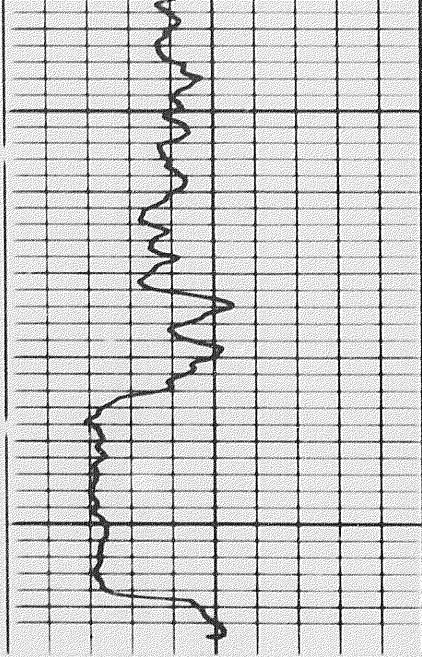
14 of



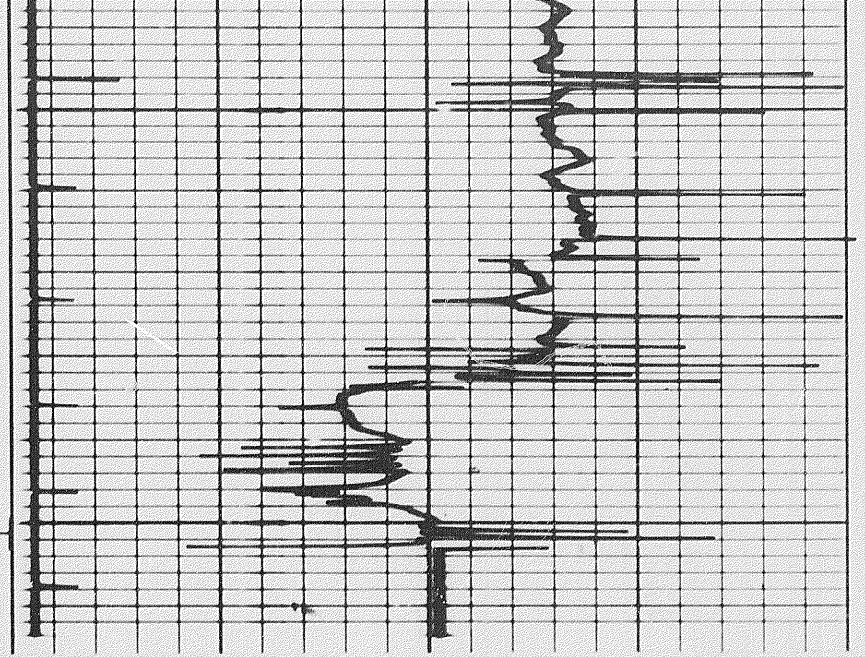
0001

0011

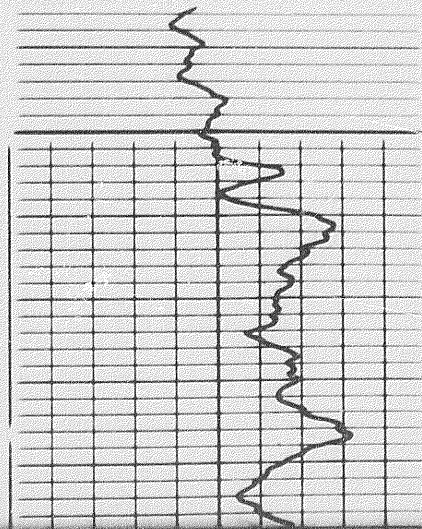




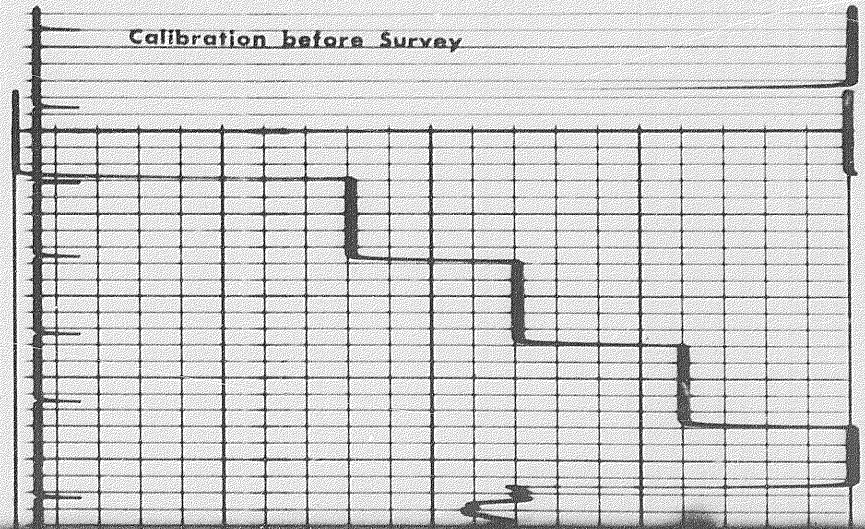
FR
1200



REPEAT SECTION

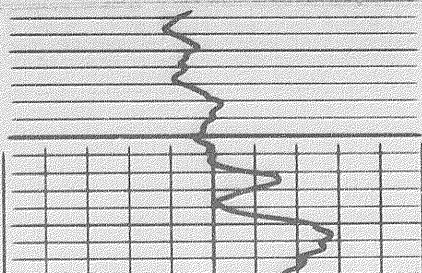


0900

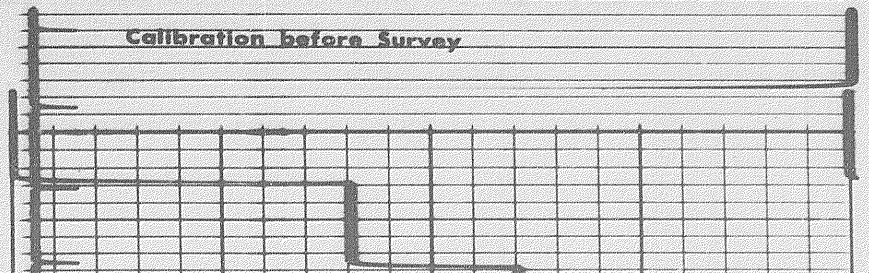


Calibration before Survey

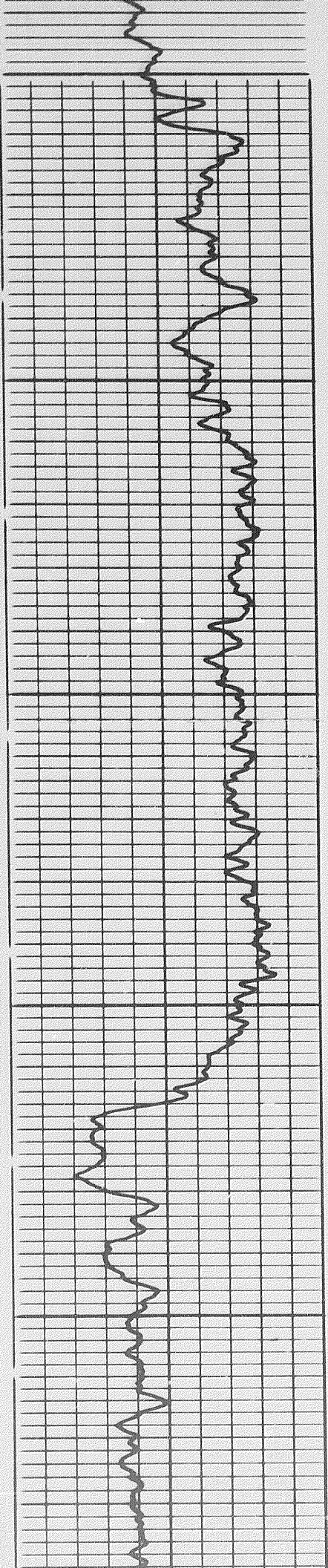
REPEAT SECTION



0900



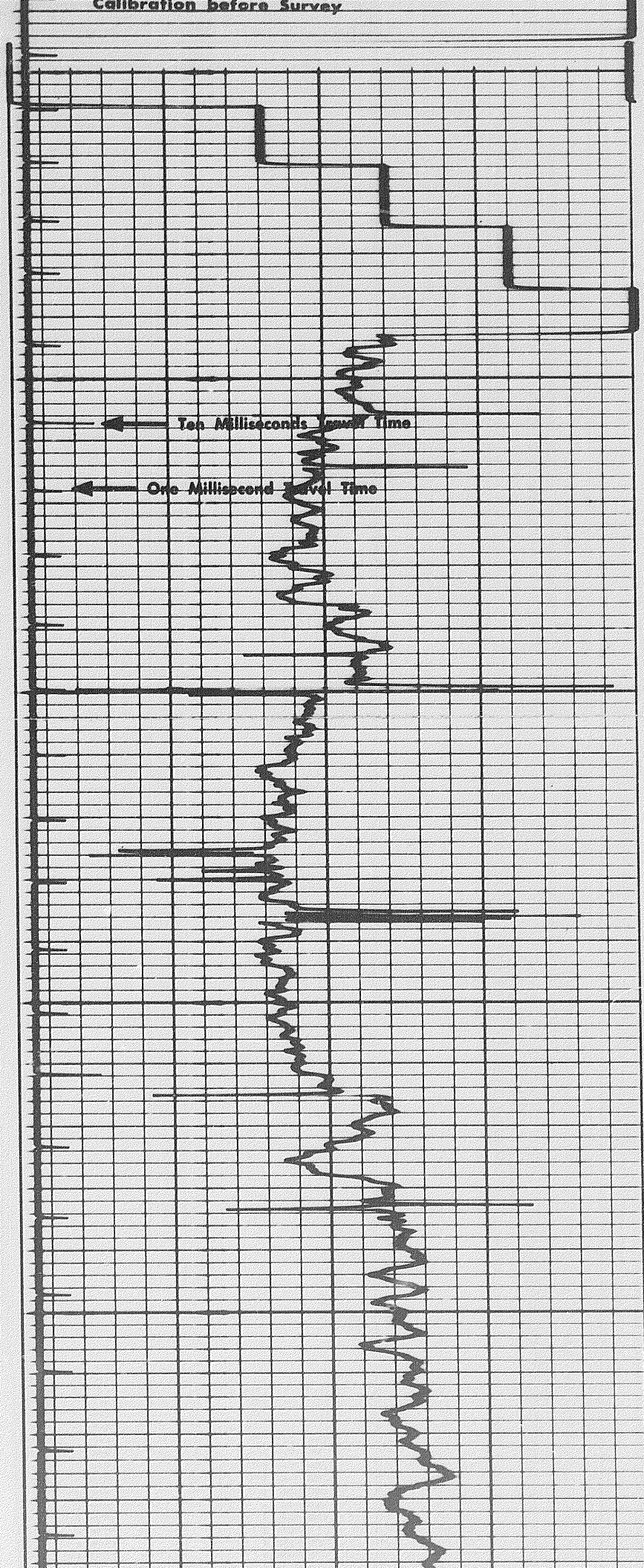
Calibration before Survey



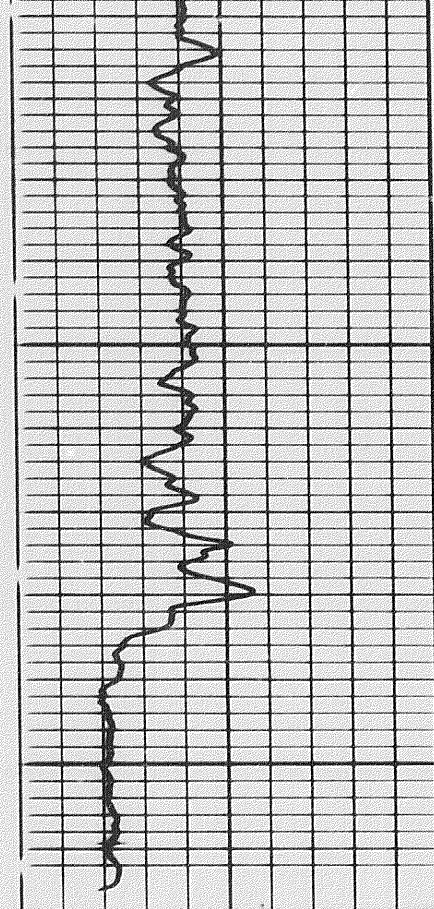
0060

0000

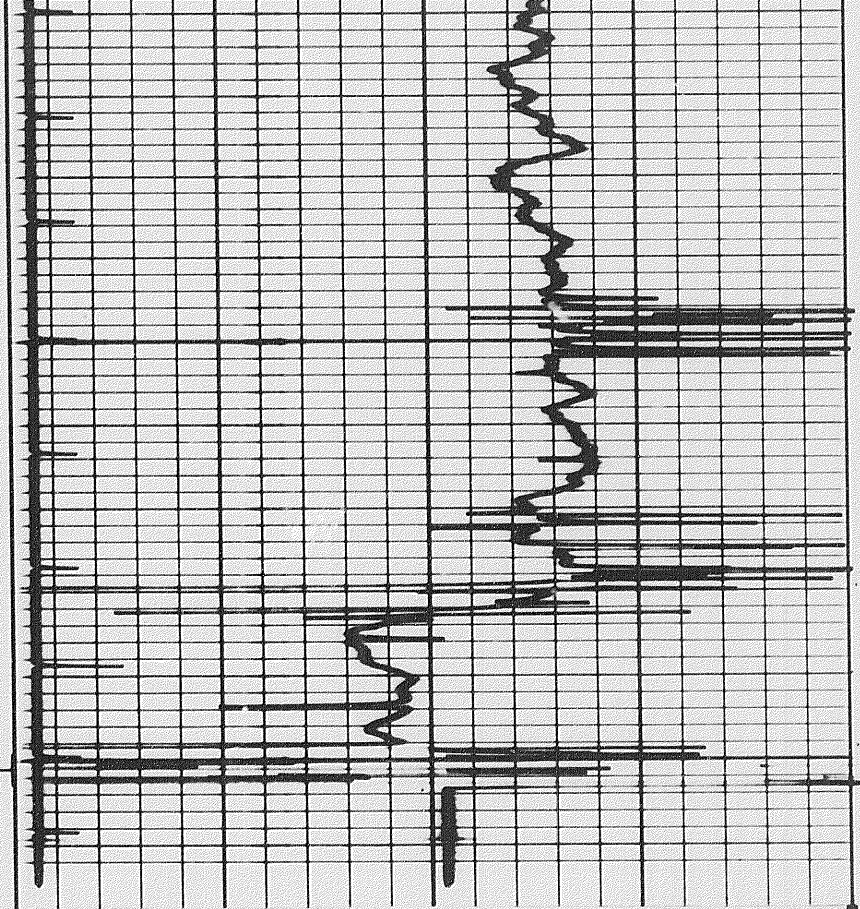
0010



1507



FR 1200



6 7 8 9 10 11 12 13 14

CALIPER
hole diameter in inches

Sens. 100 T.C. 2
Zero 0 div. to left

Speed in FPM

100 200

GAMMA RAY
API UNITS

DEPTHS

SONIC
INTERVAL TRANSIT TIME
microseconds per foot

DETAIL LOG
5' = 100'

RUN 2

GAMMA RAY
API UNITS

DEPTHS

SONIC
INTERVAL TRANSIT TIME
microseconds per foot

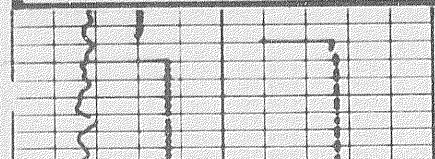
Sens. 150 T.C. 2
Zero 0 div. to left

Speed in FPM

100 200

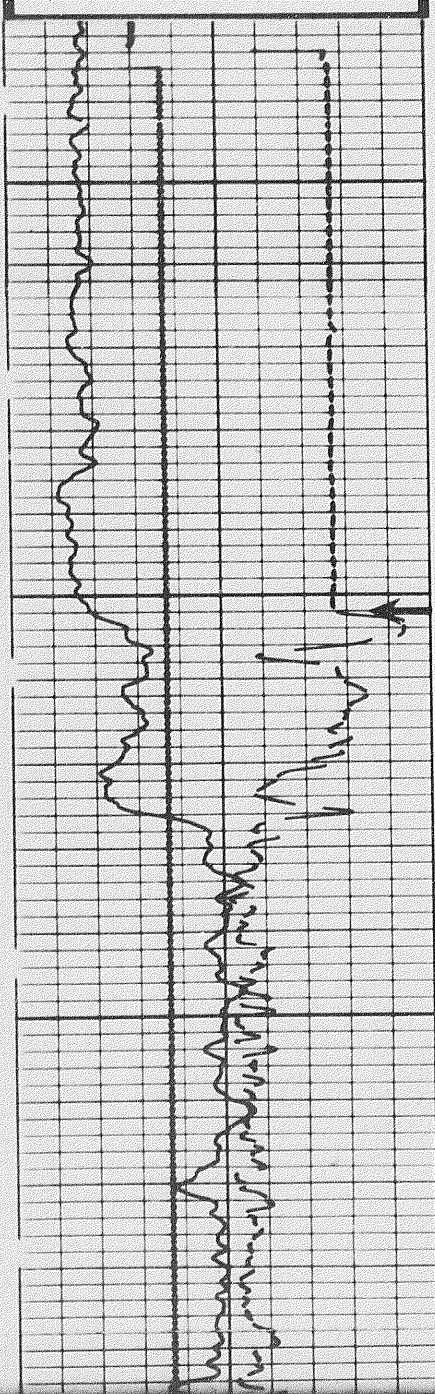
CALIPER
hole diameter in inches

6 7 8 9 10 11 12 13 14

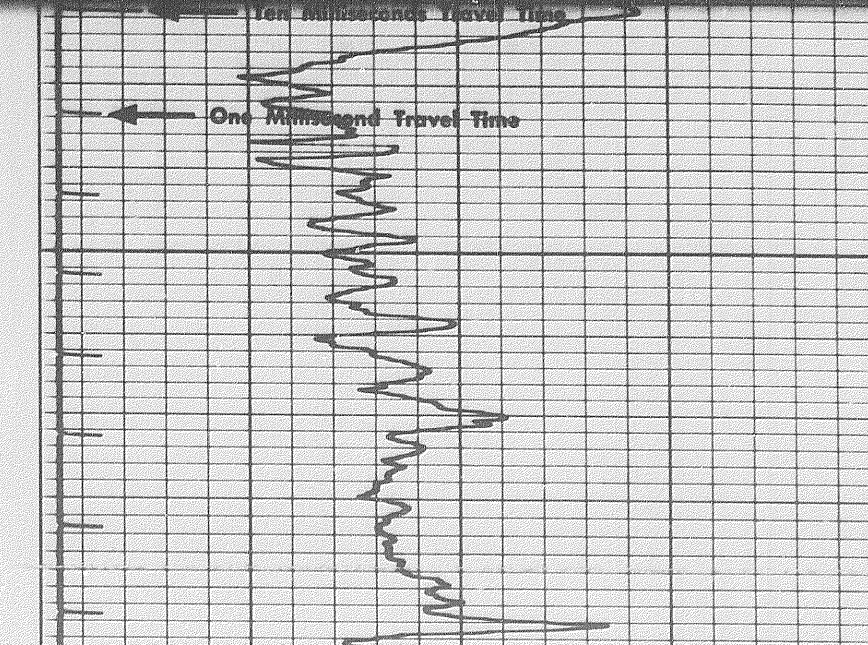
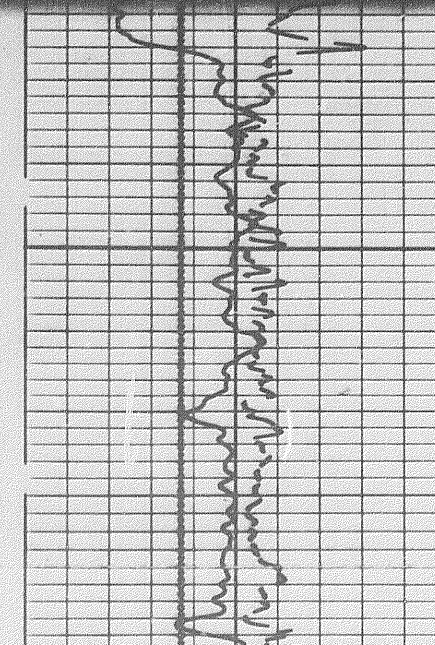
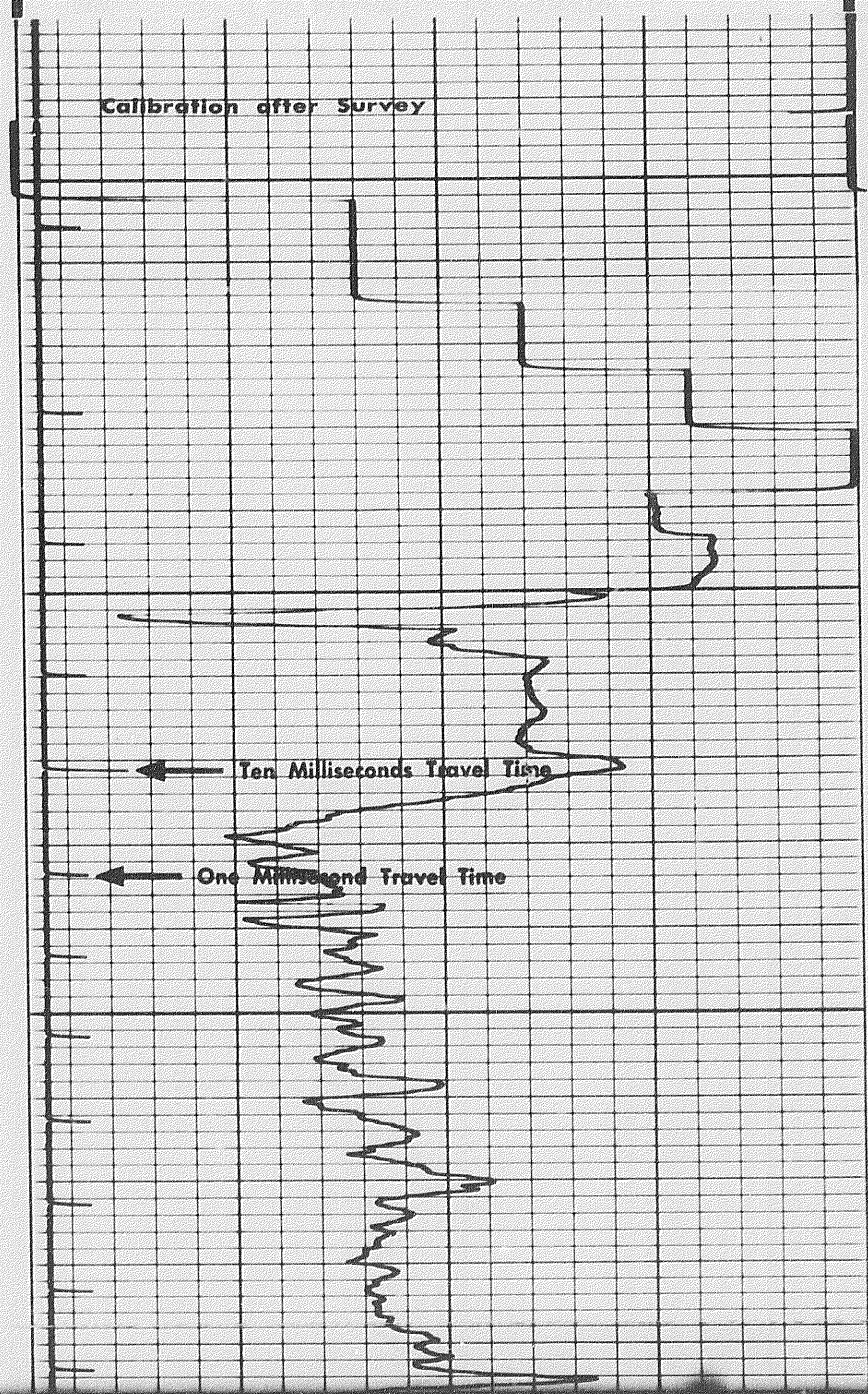


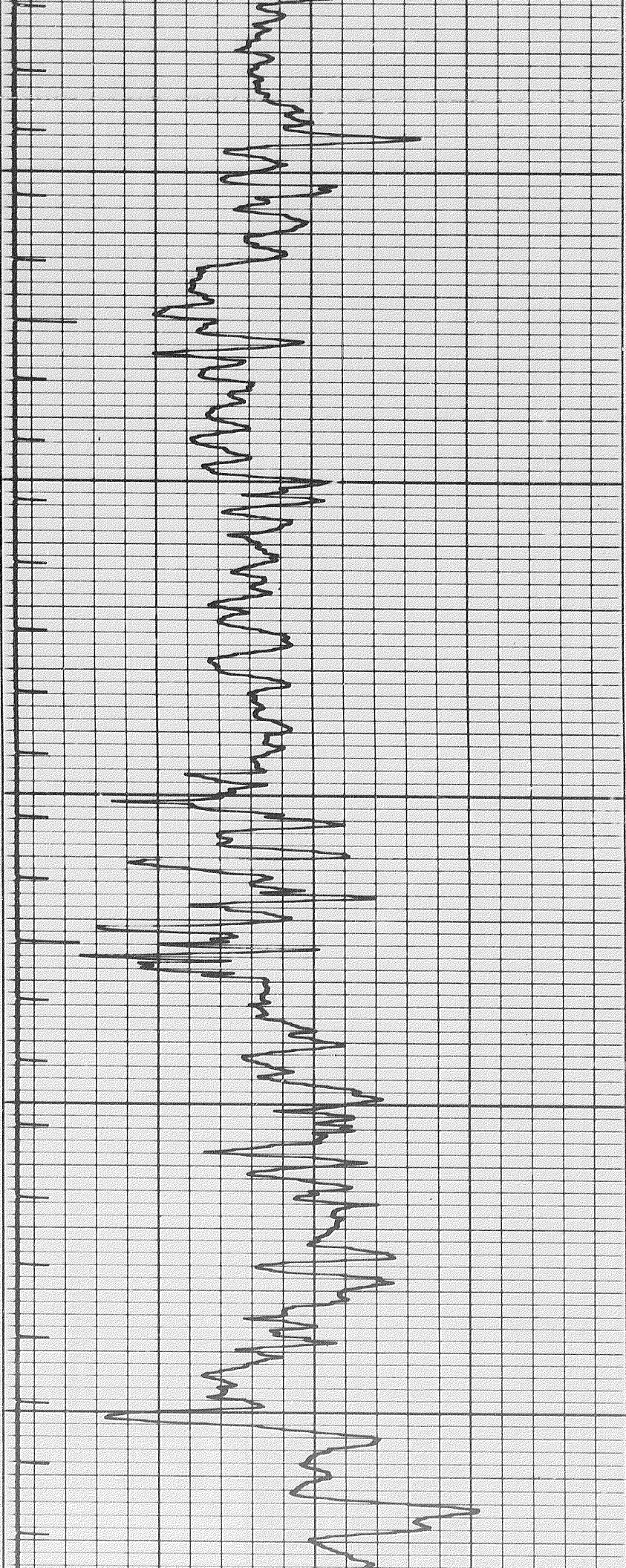
| | | |
|-----|-----|-----|
| 170 | 90 | 40 |
| 240 | 190 | 140 |

Calibration after Survey



Casi 200

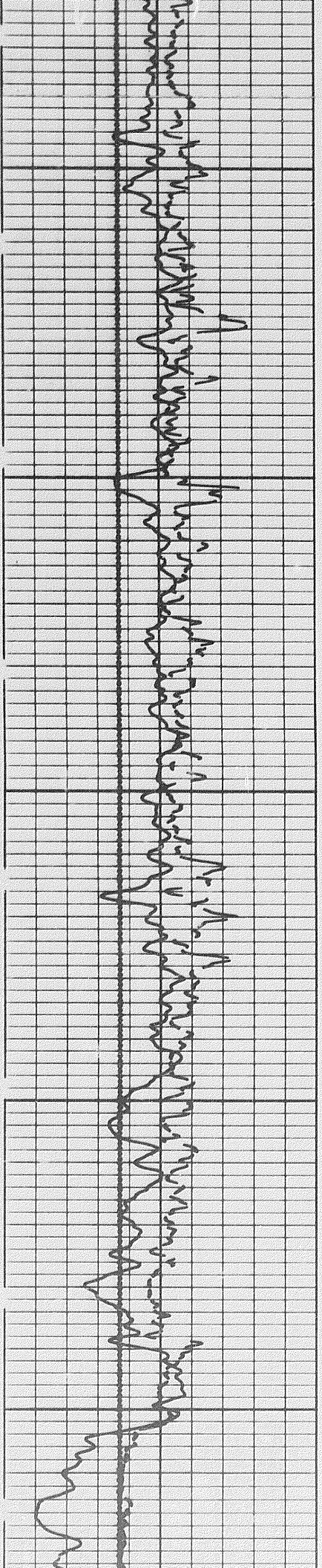




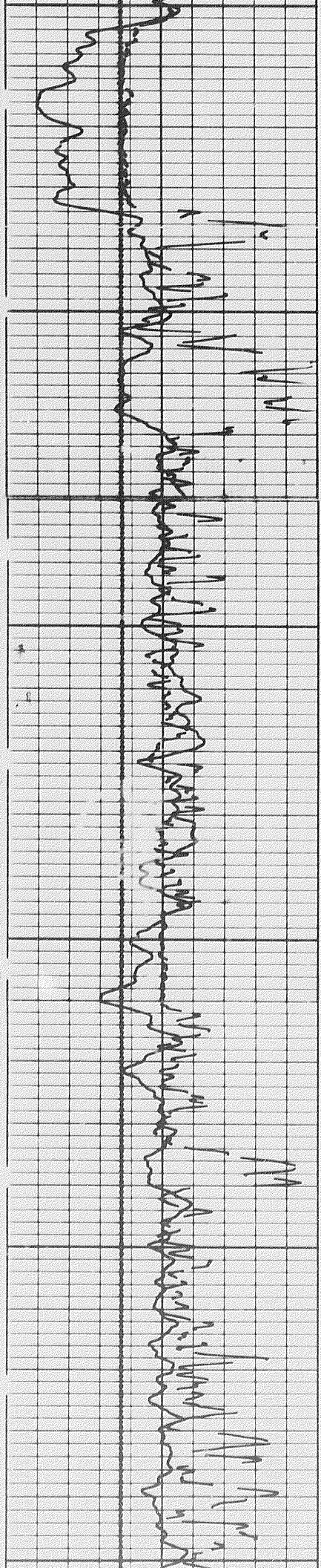
500

1000

1500



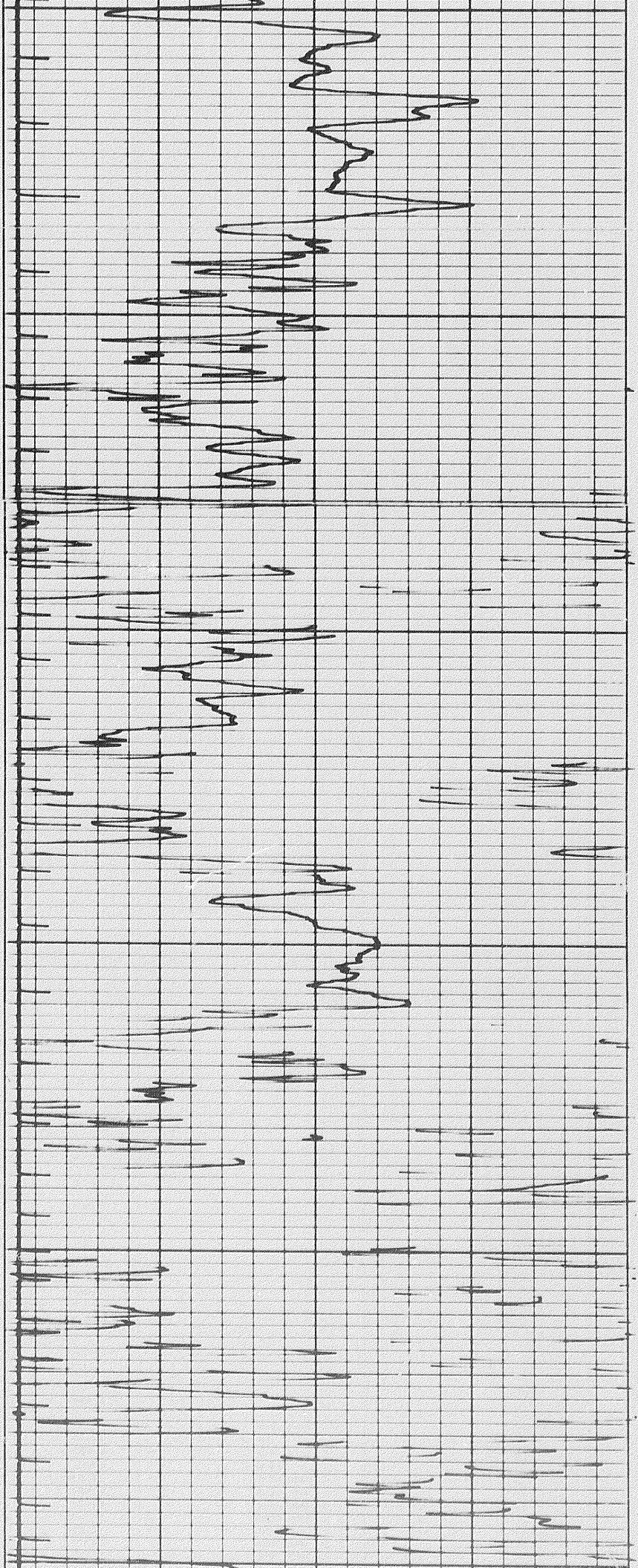
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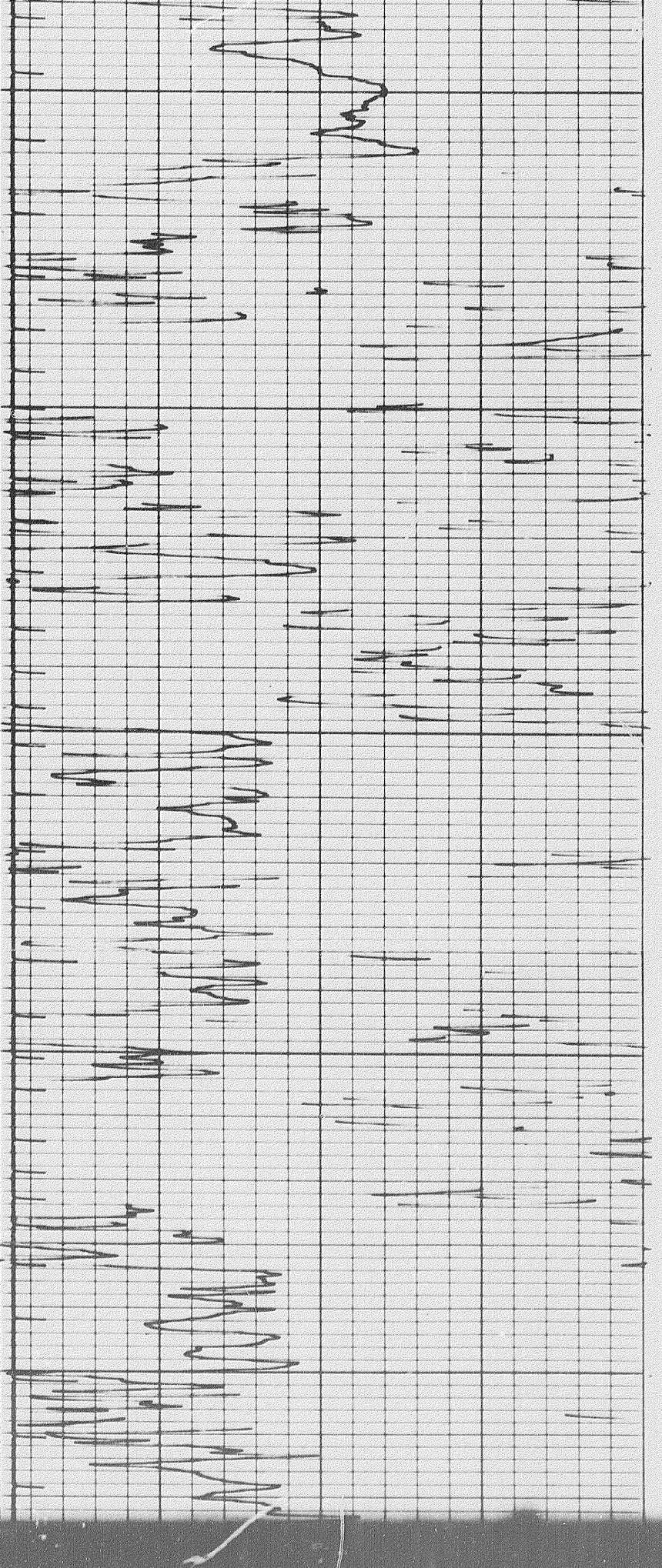


500

1500

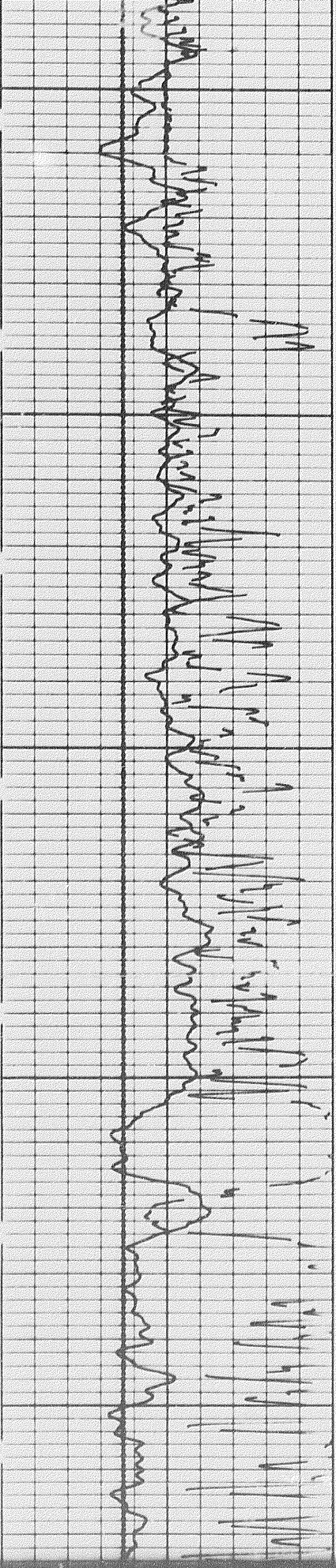
1700

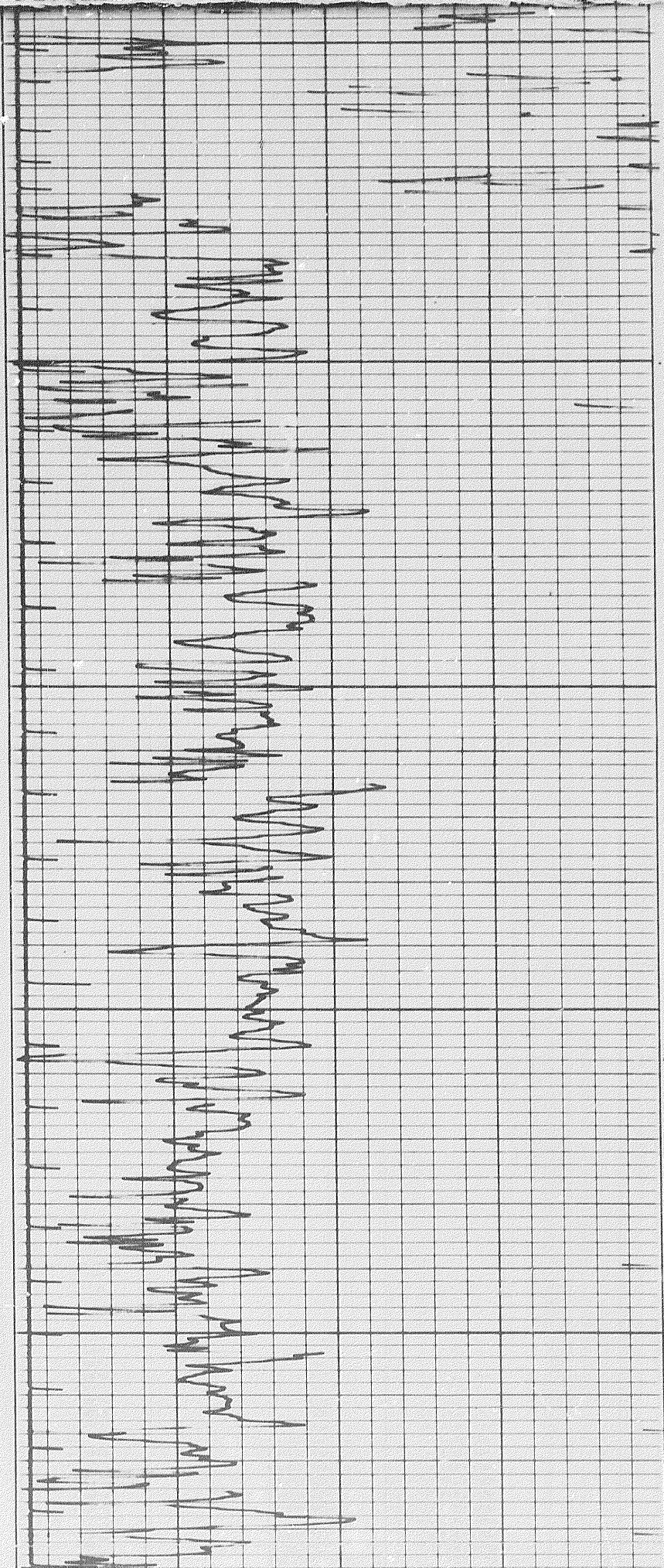




1700

1800

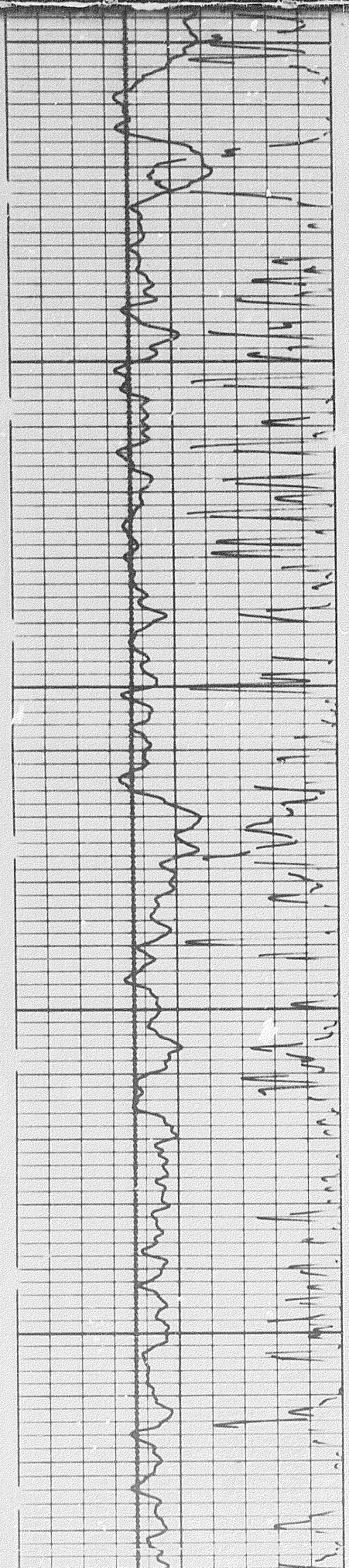




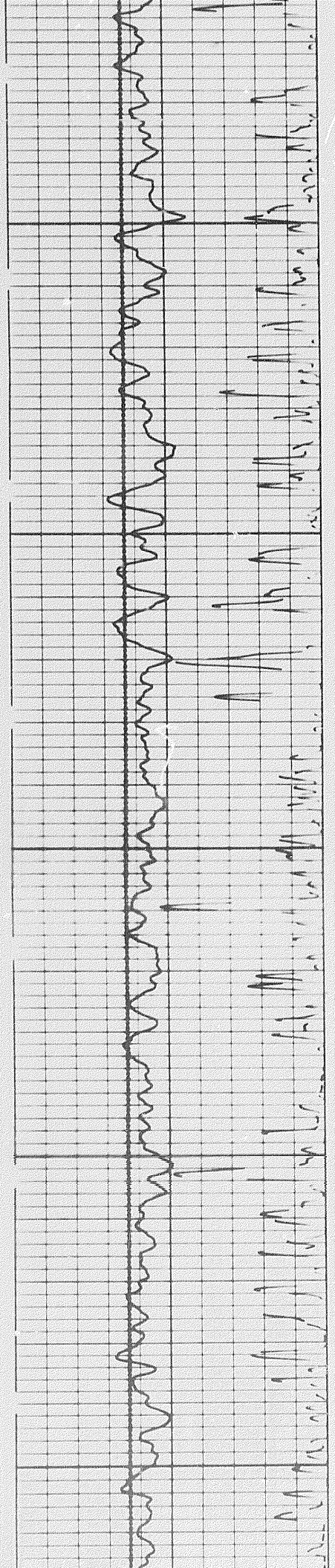
1800

1900

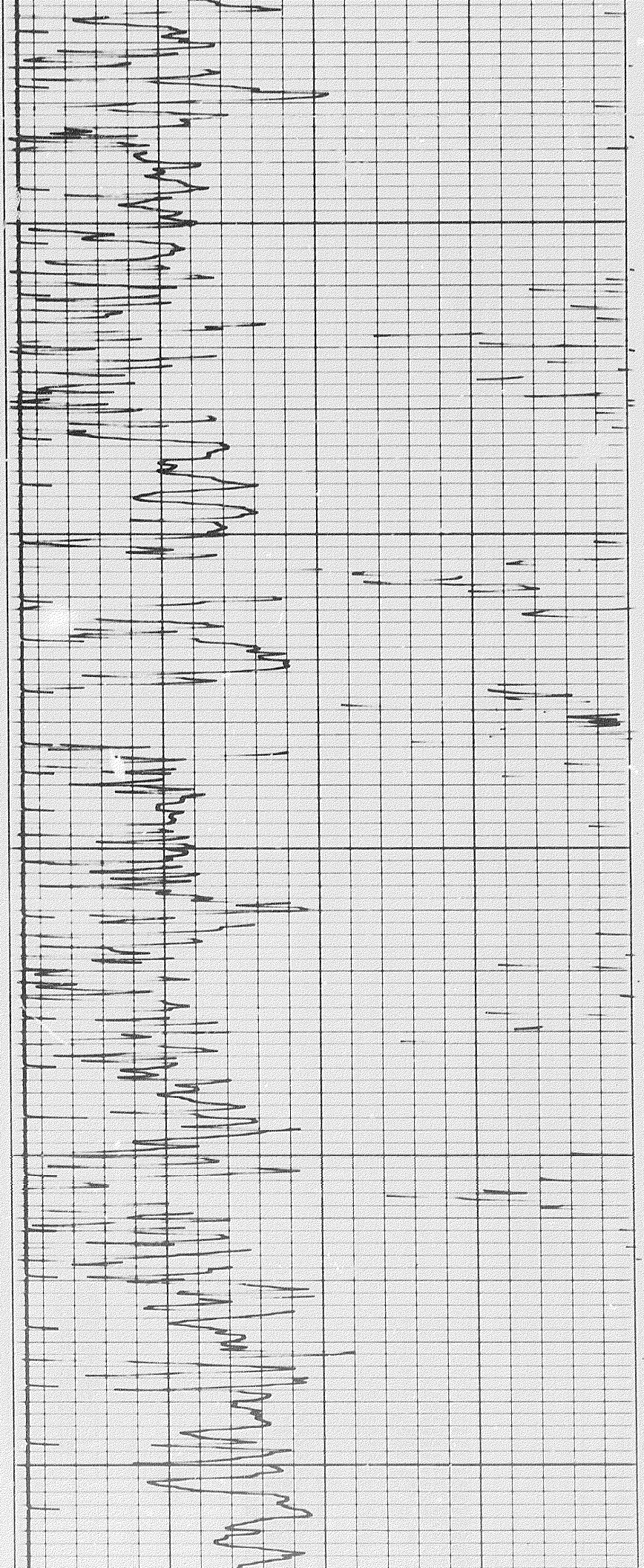
2000



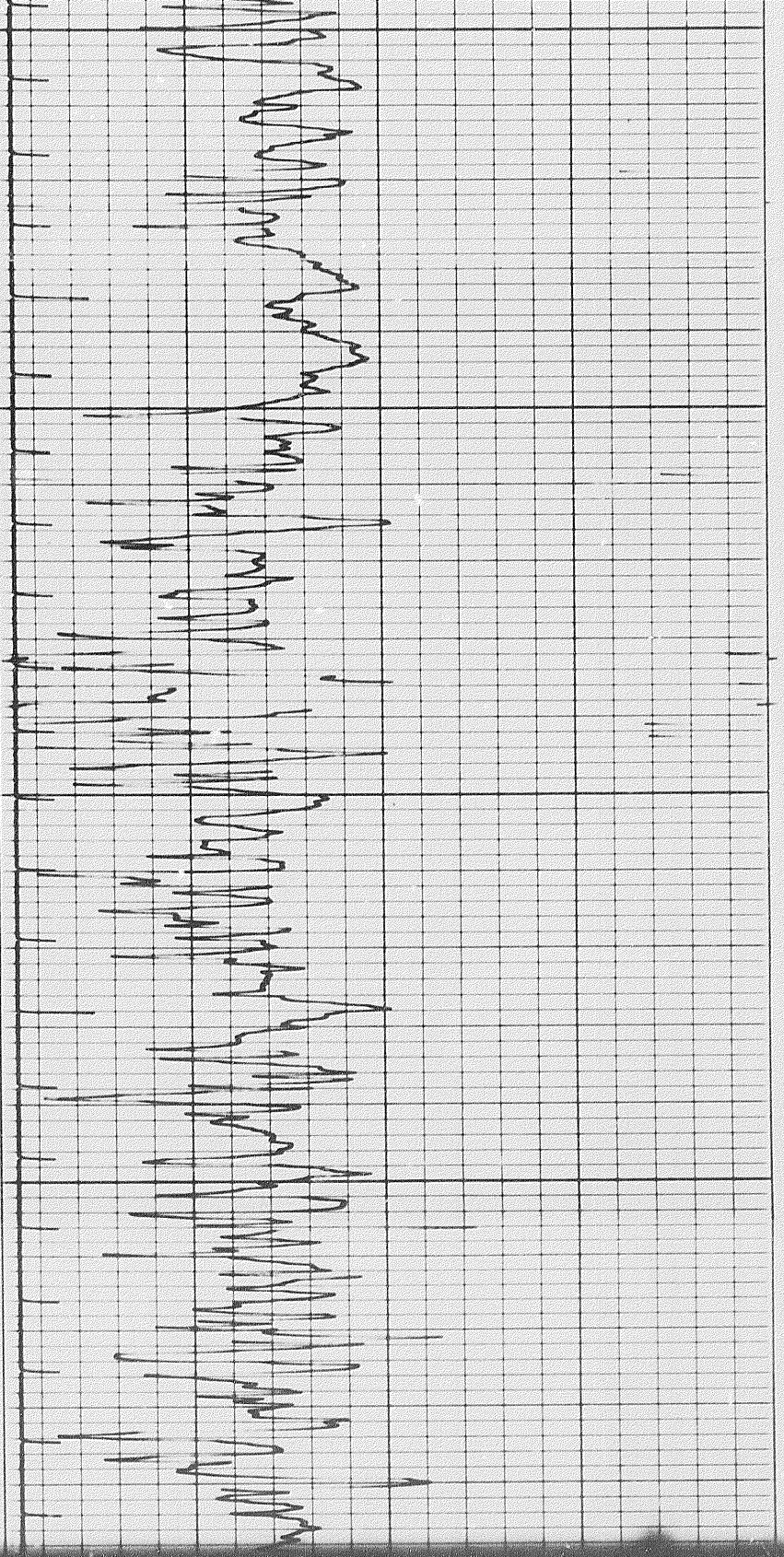
1702



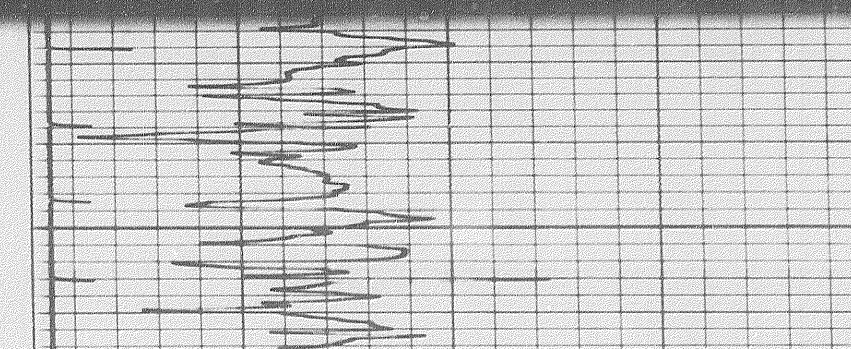
2100



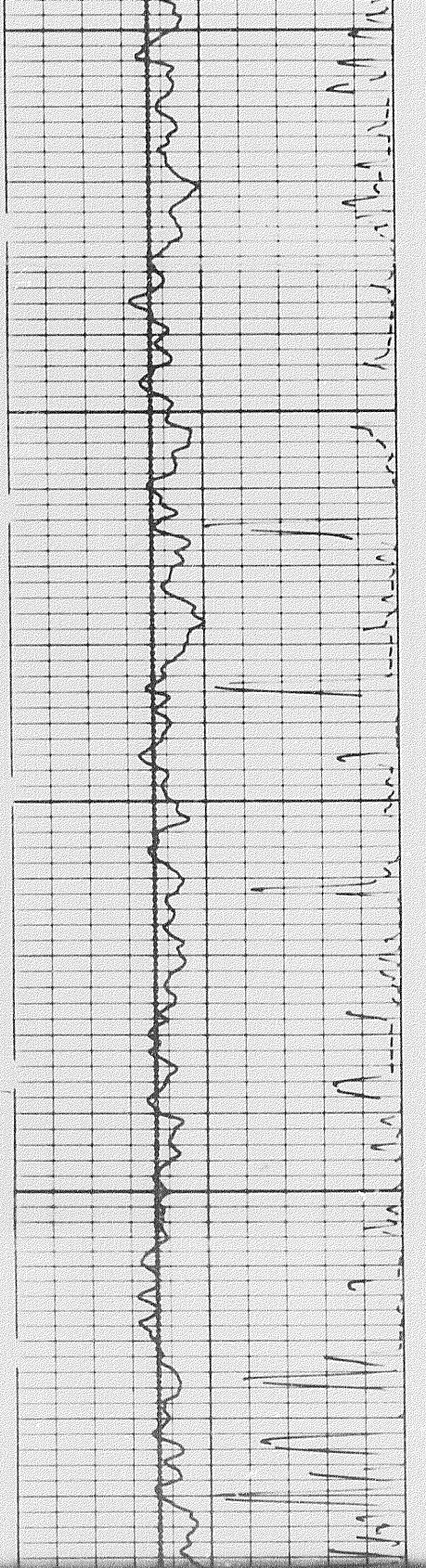
2200



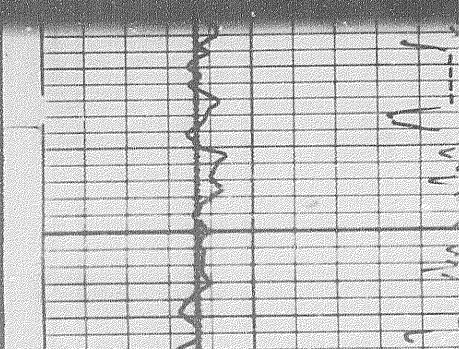
2300



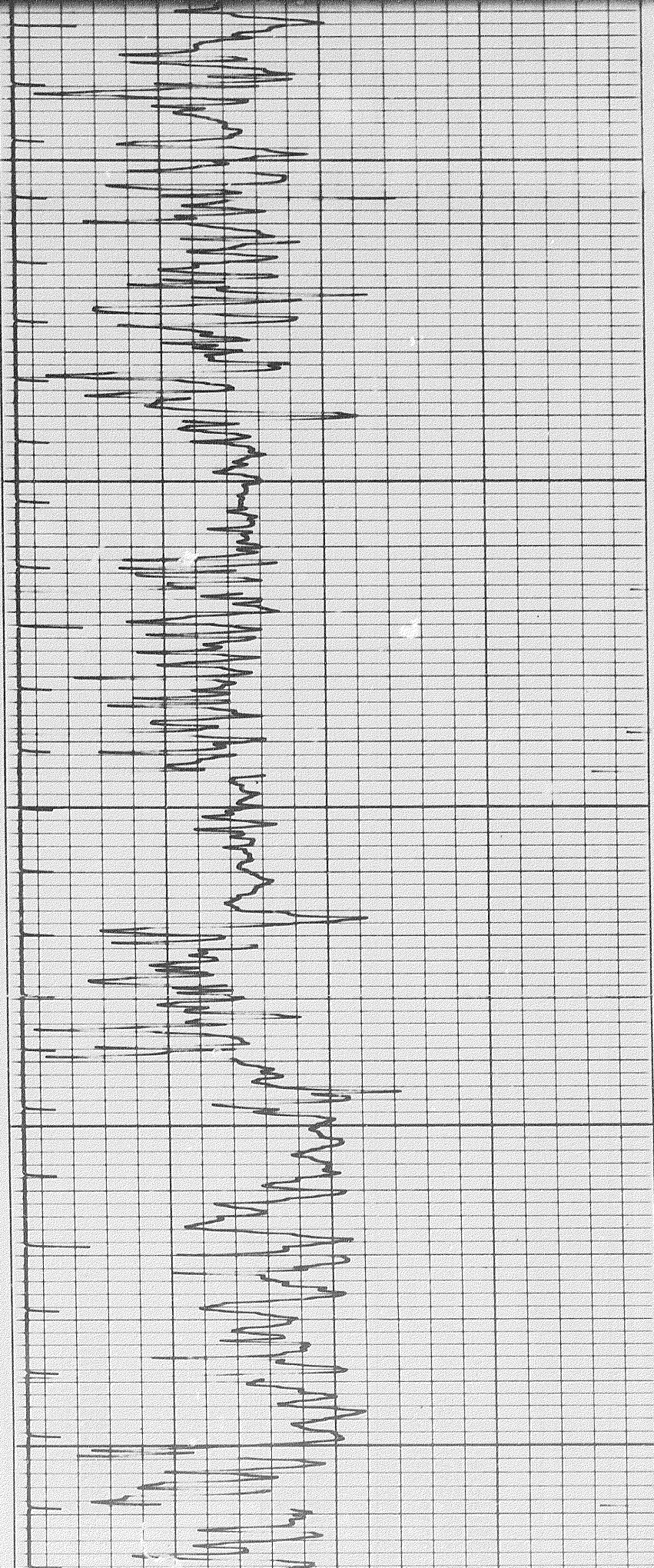
2400



2300



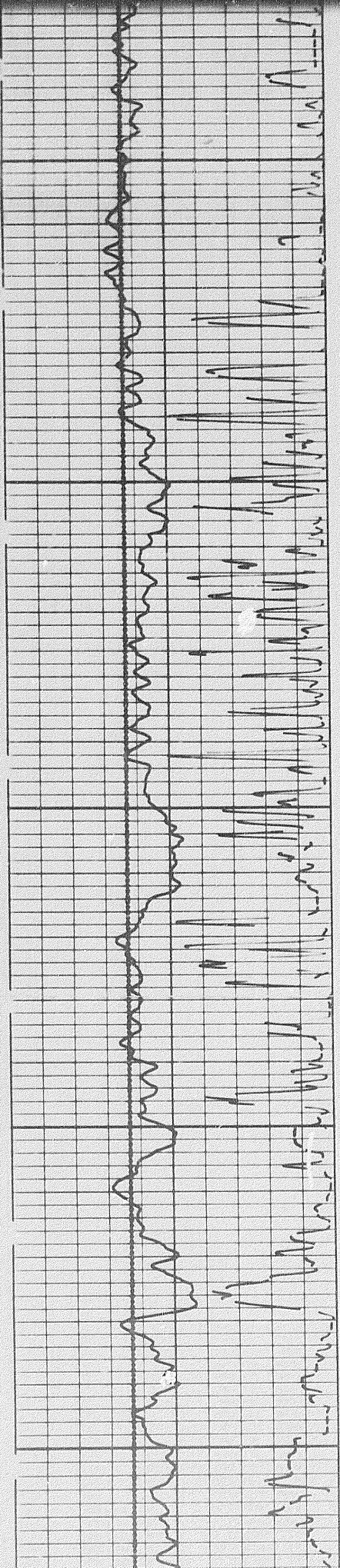
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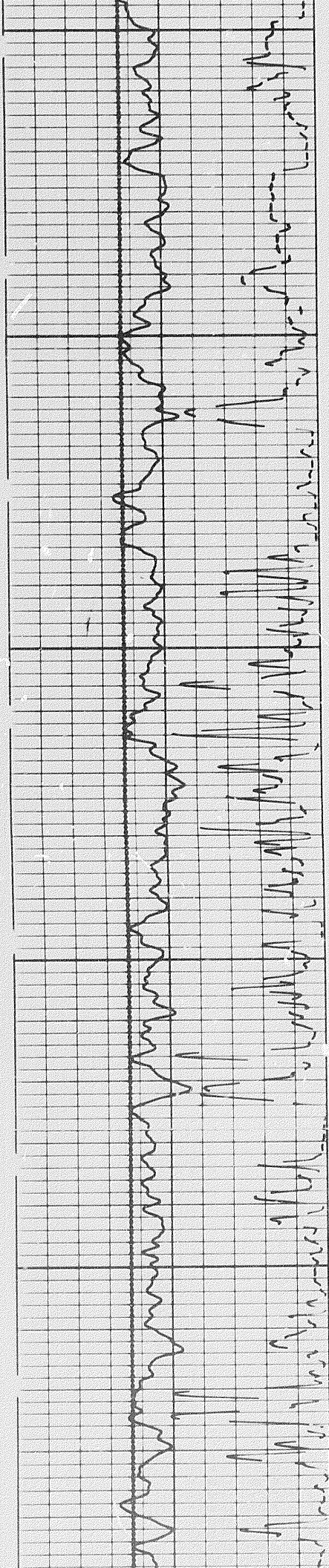
2400

2500

2600



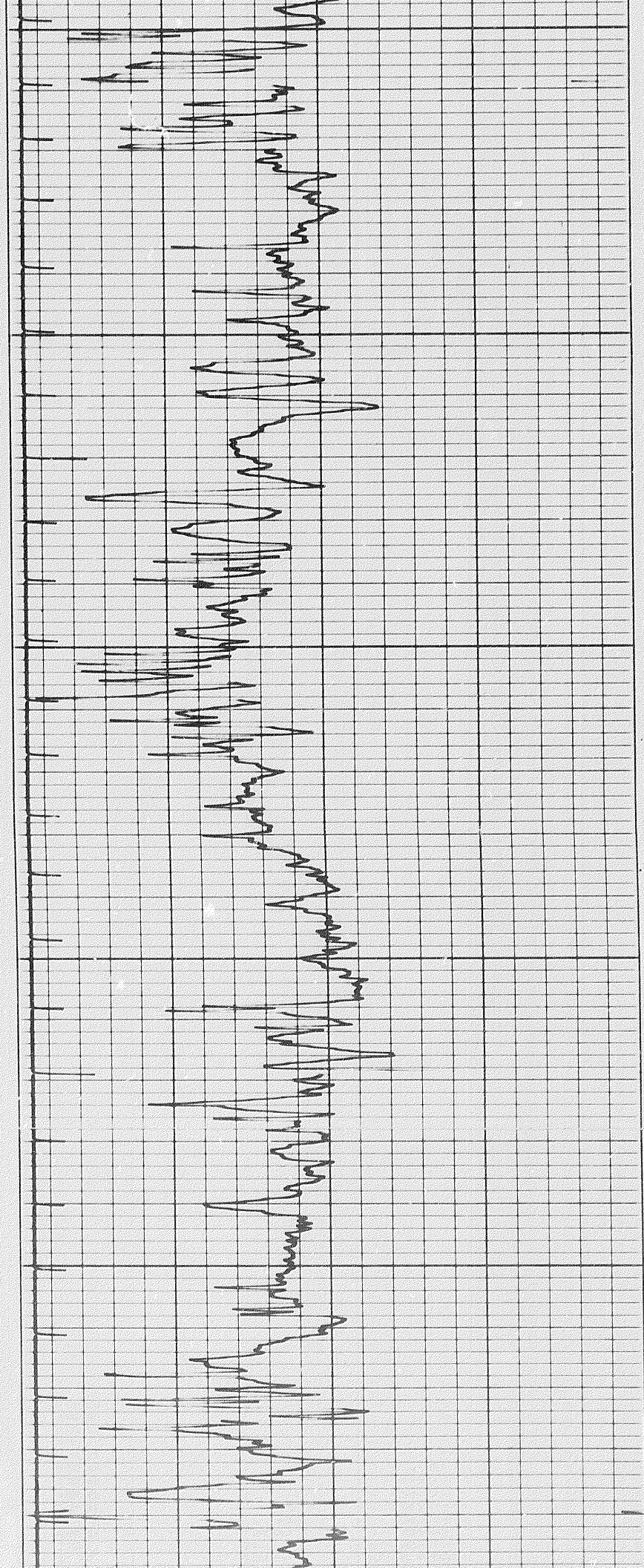
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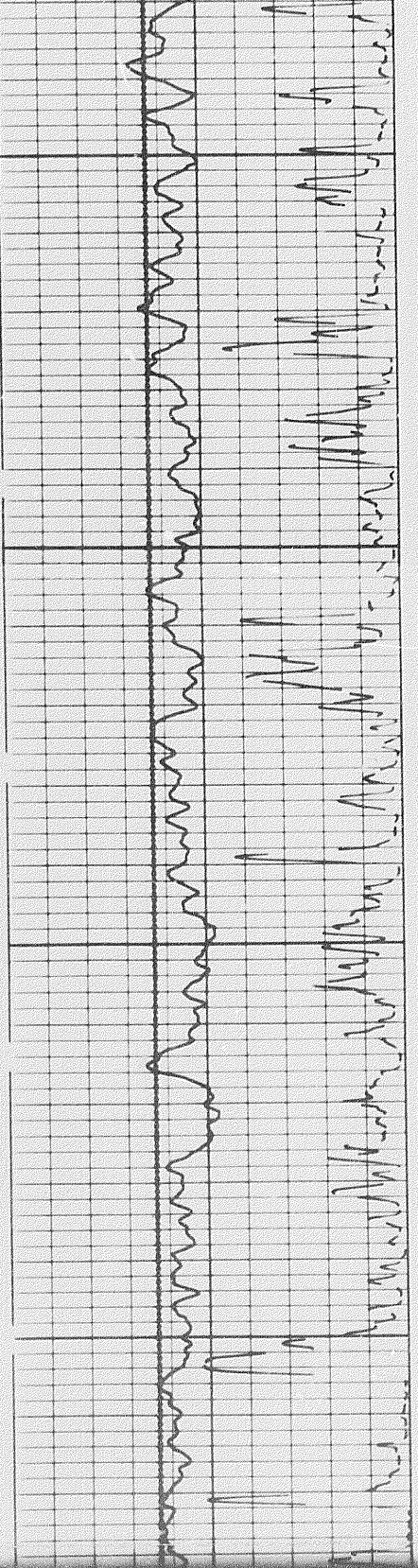


2600

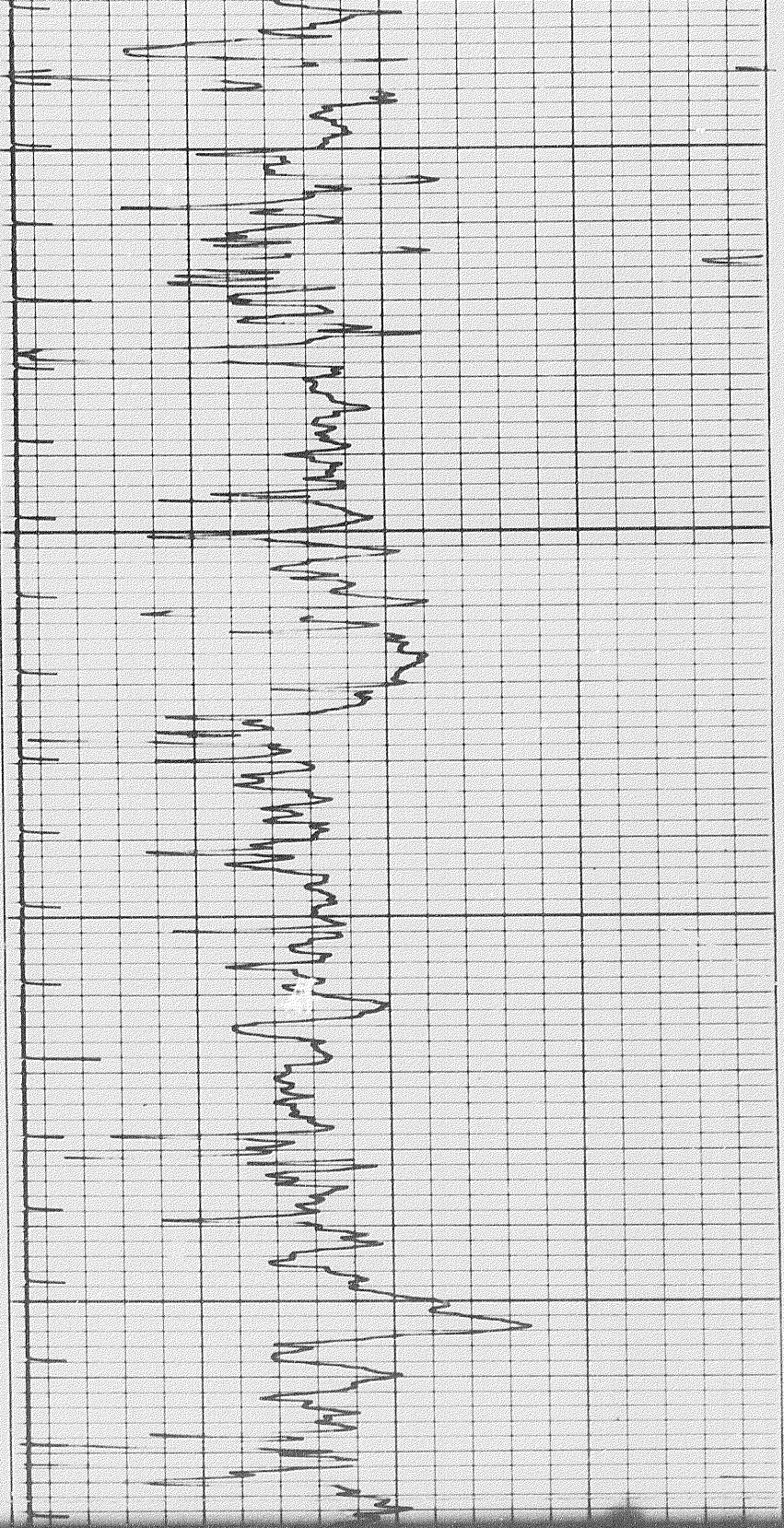
2700

2800

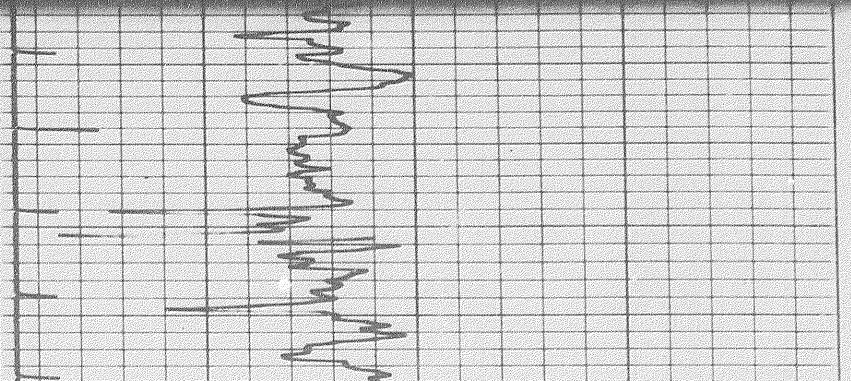
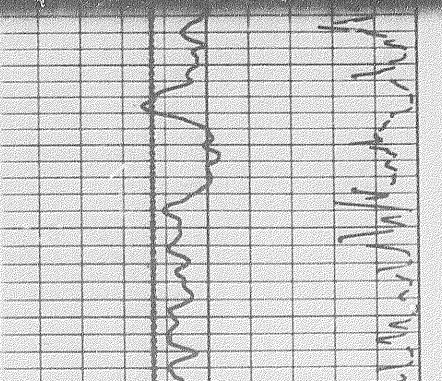


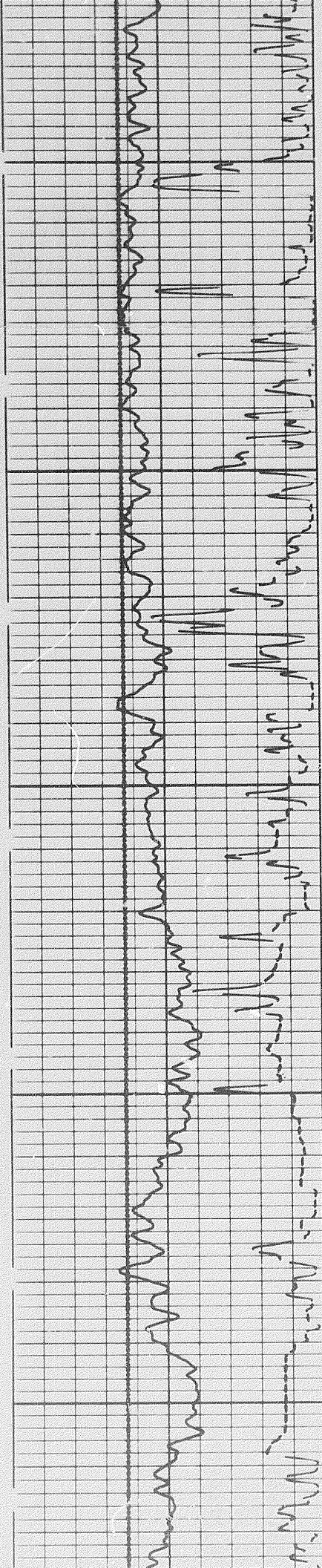


2900



3000

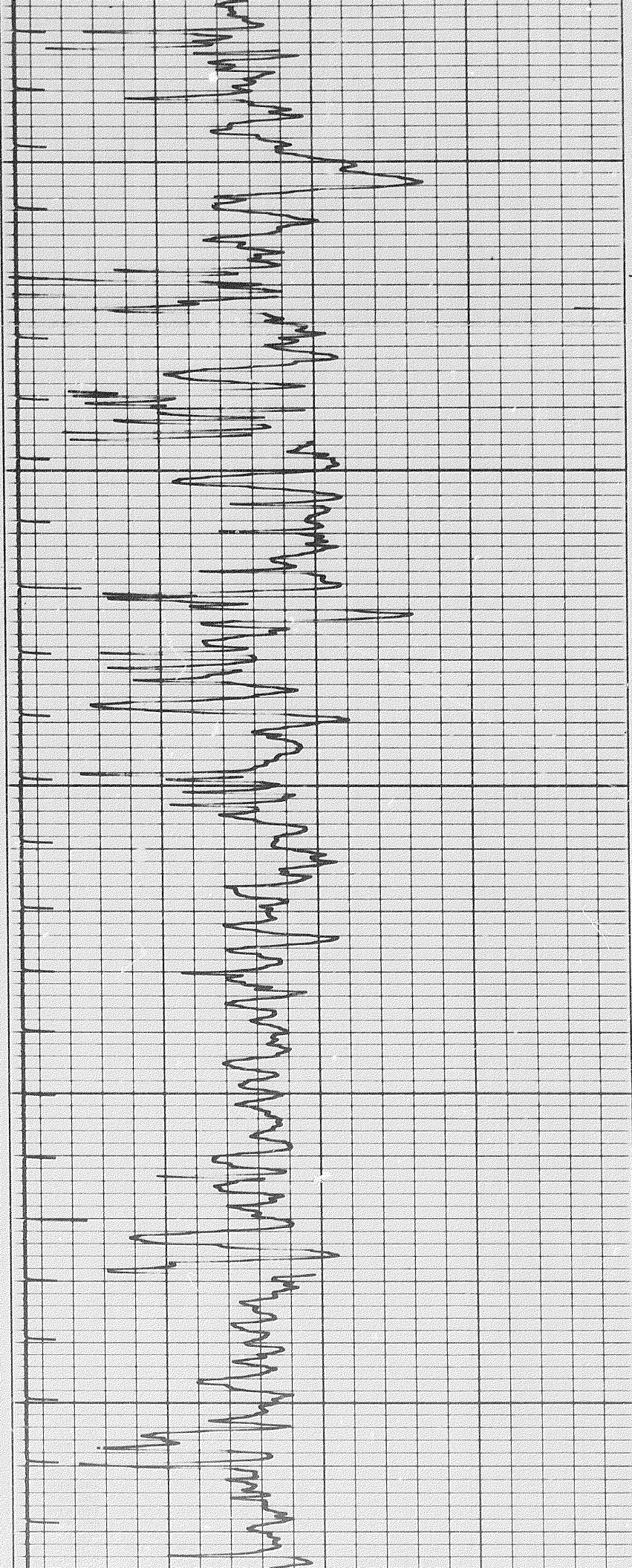




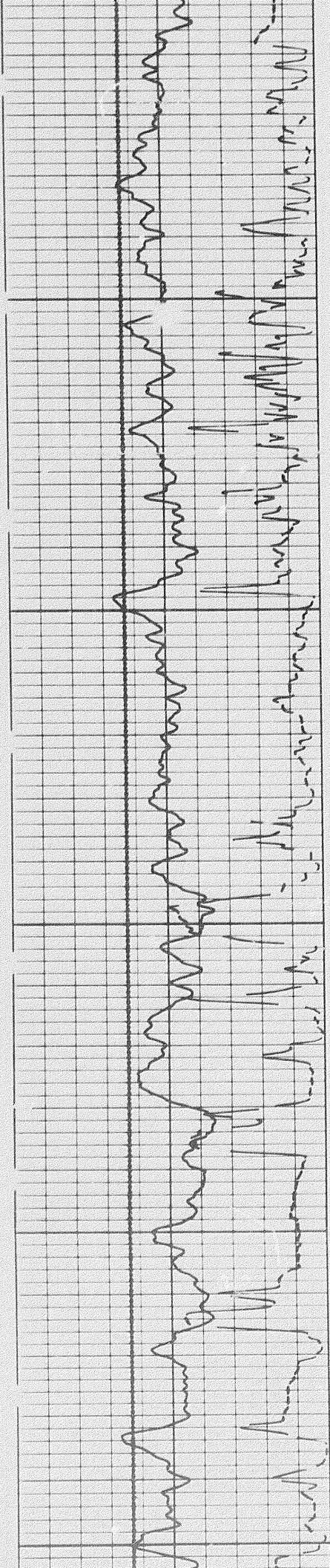
3000

3100

3200



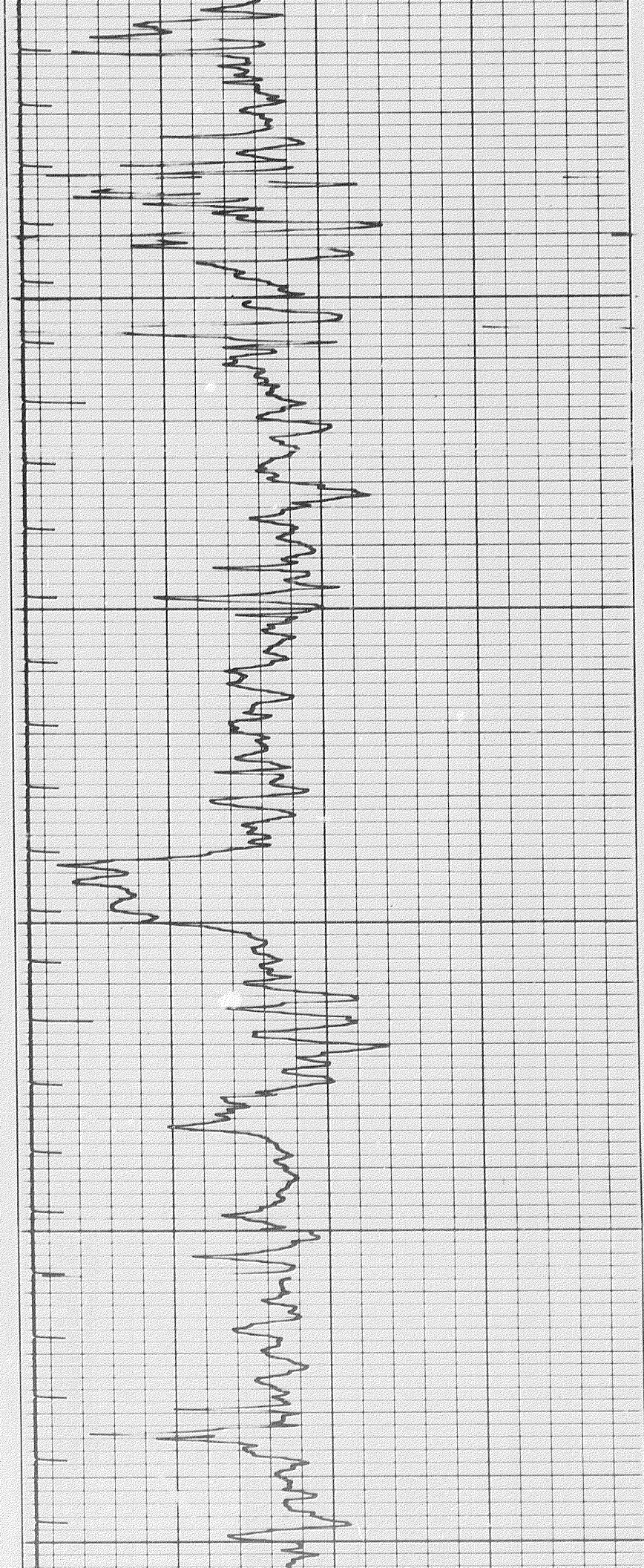
1904

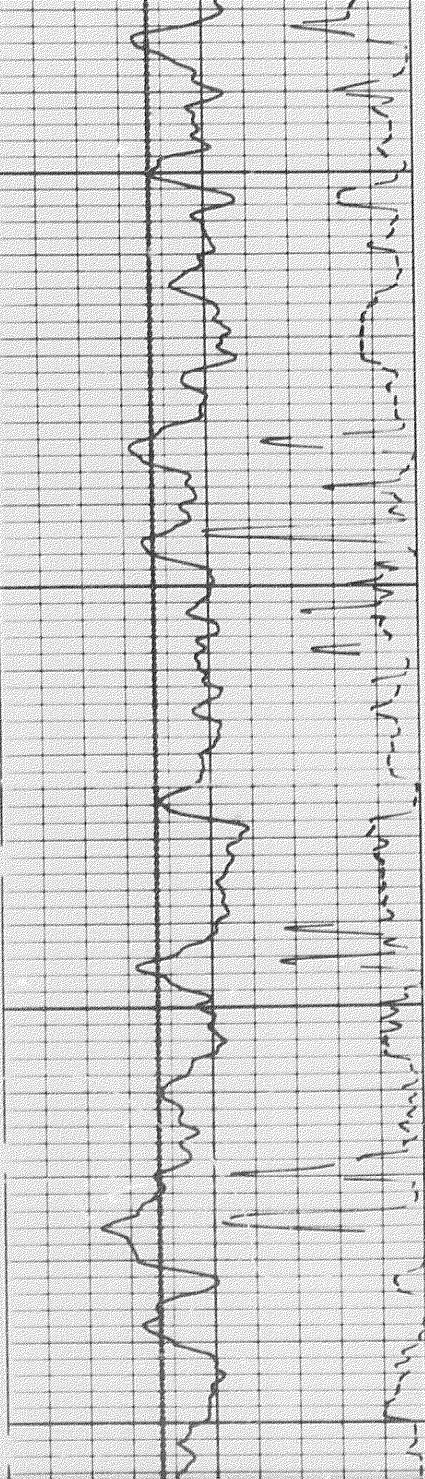


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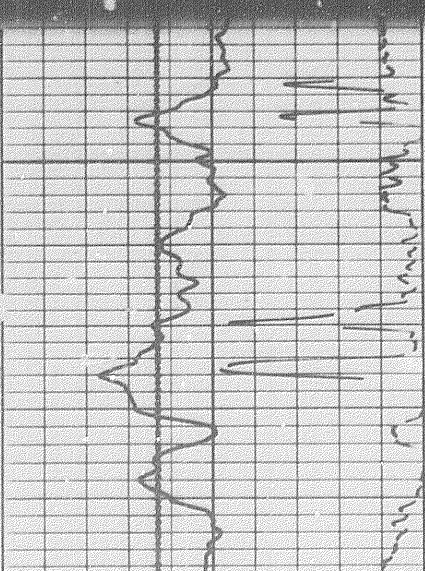
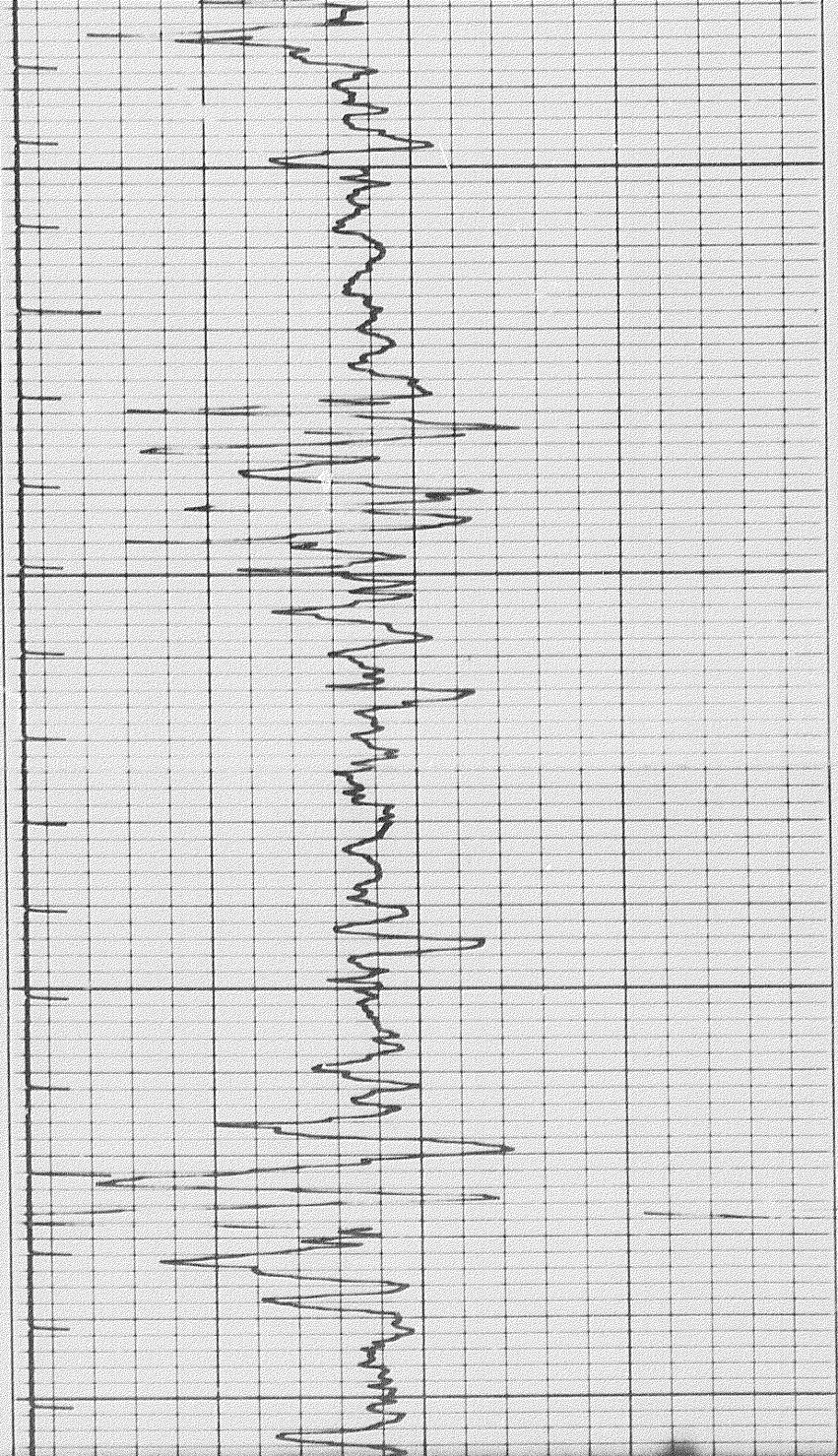
3300

3400

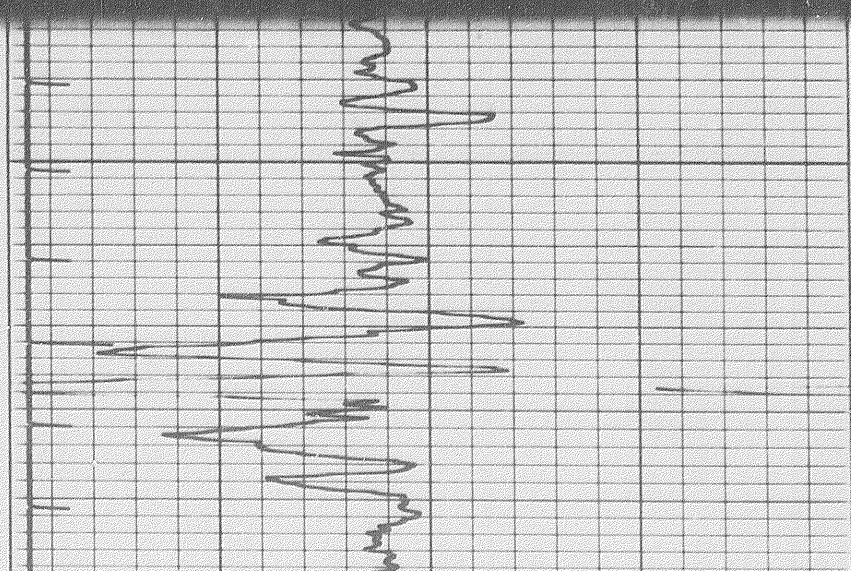


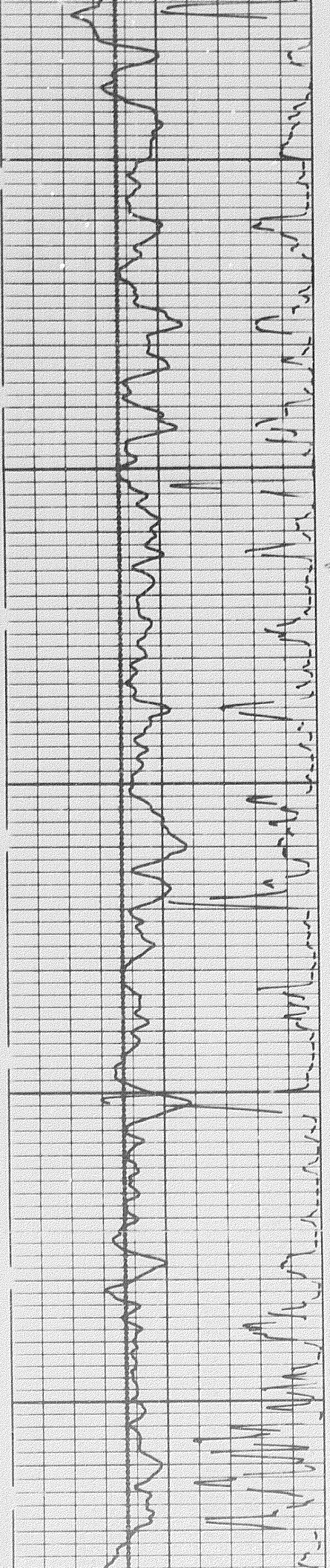


3500



3500

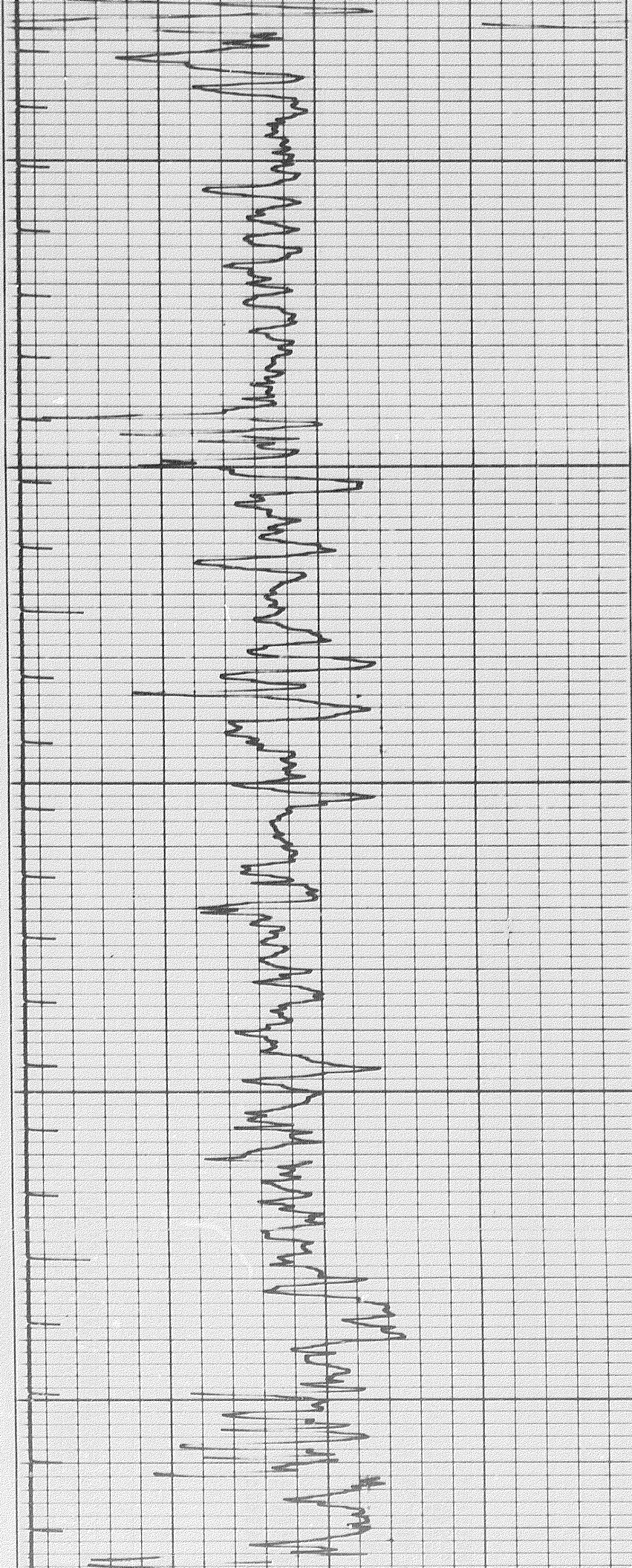




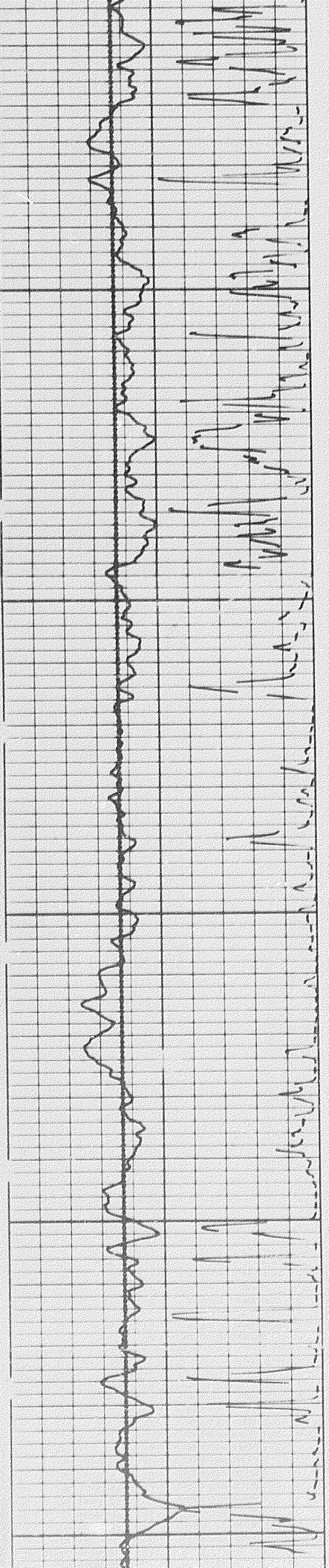
3600

3700

3800

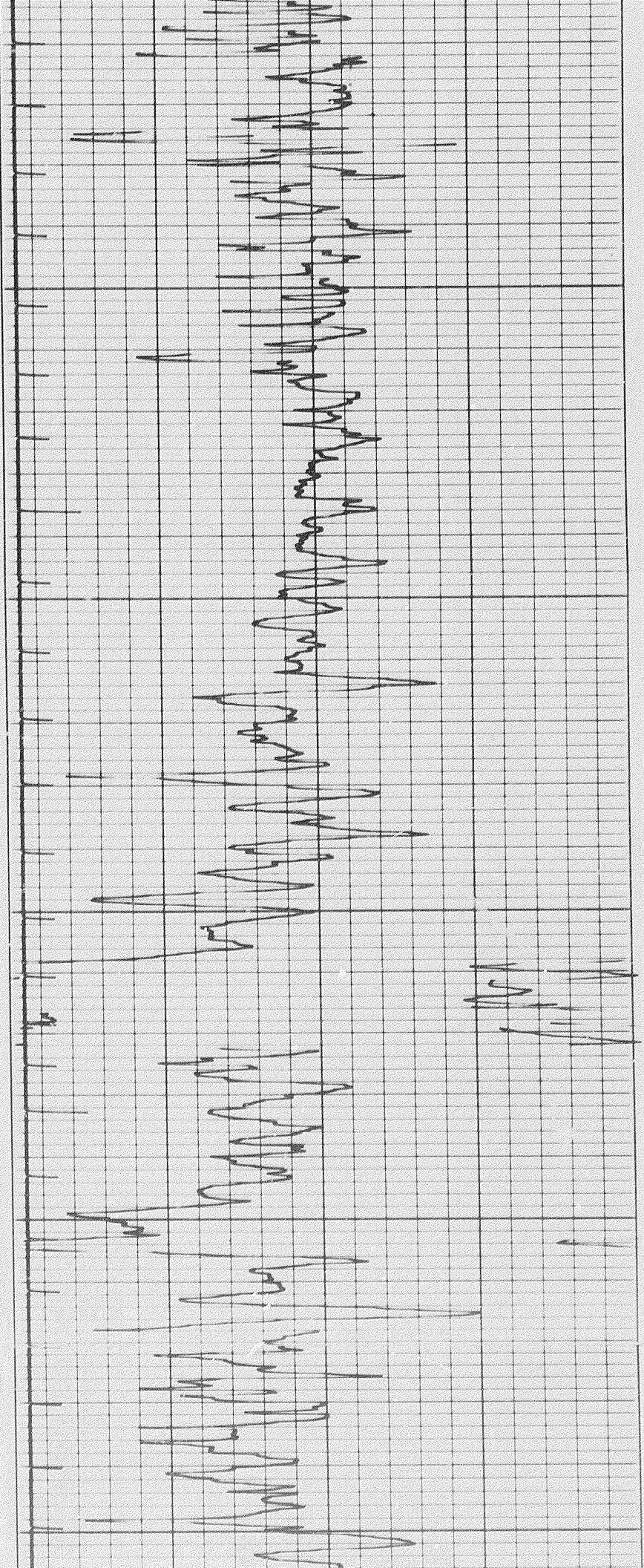


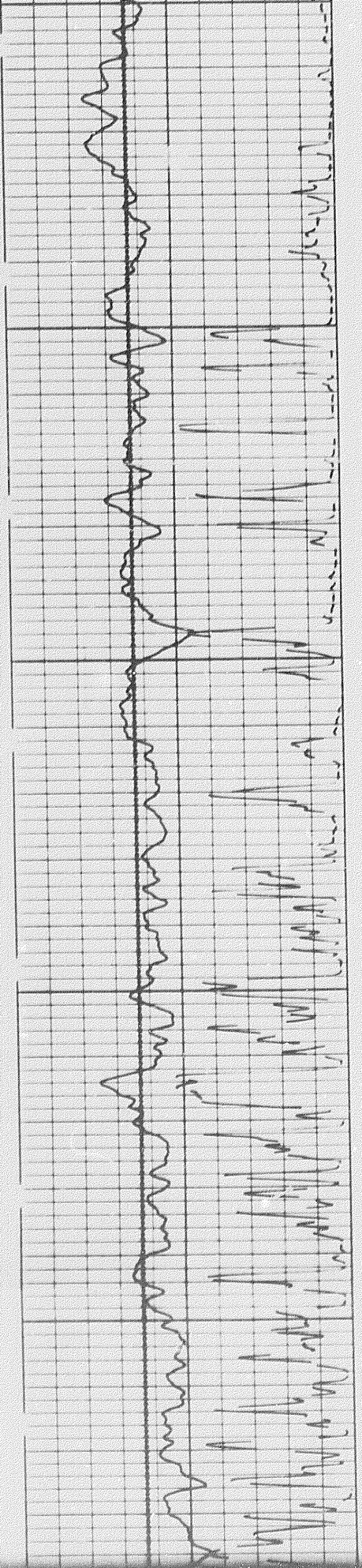
2007



3900

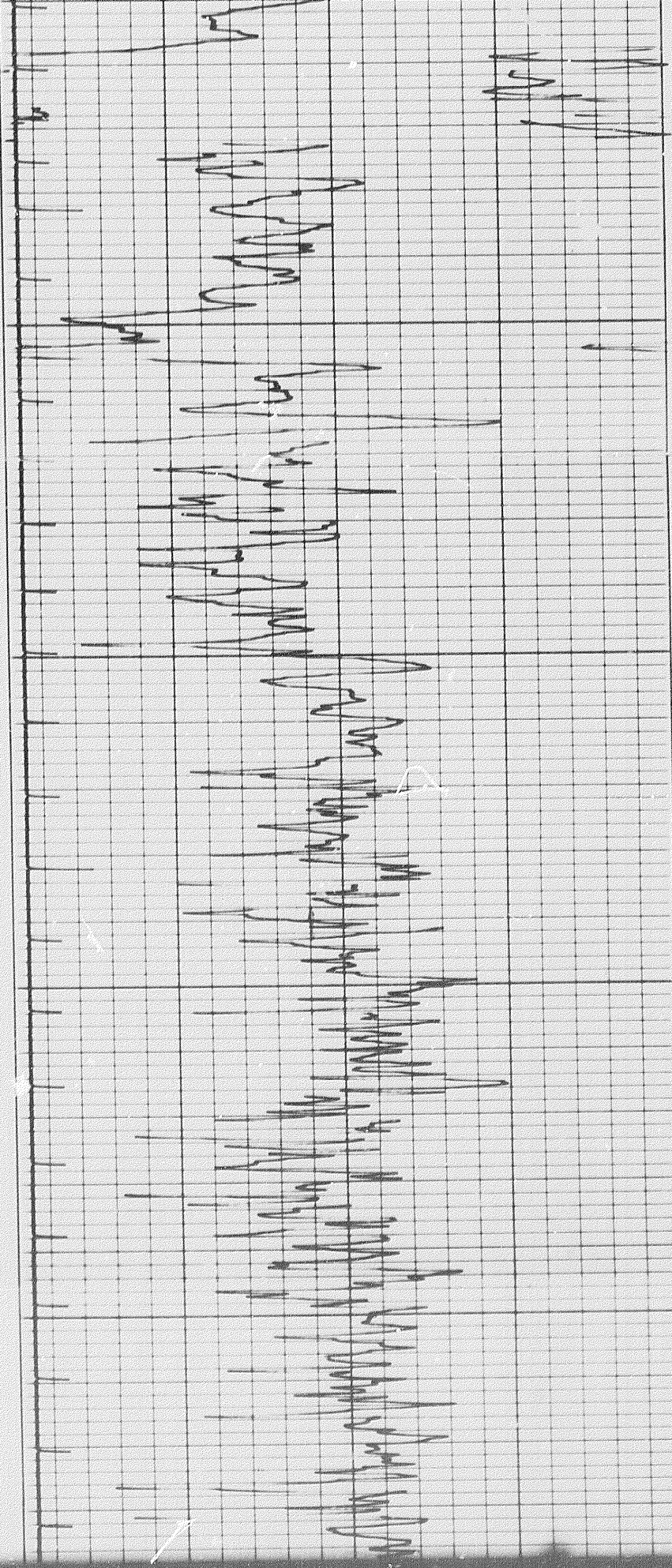
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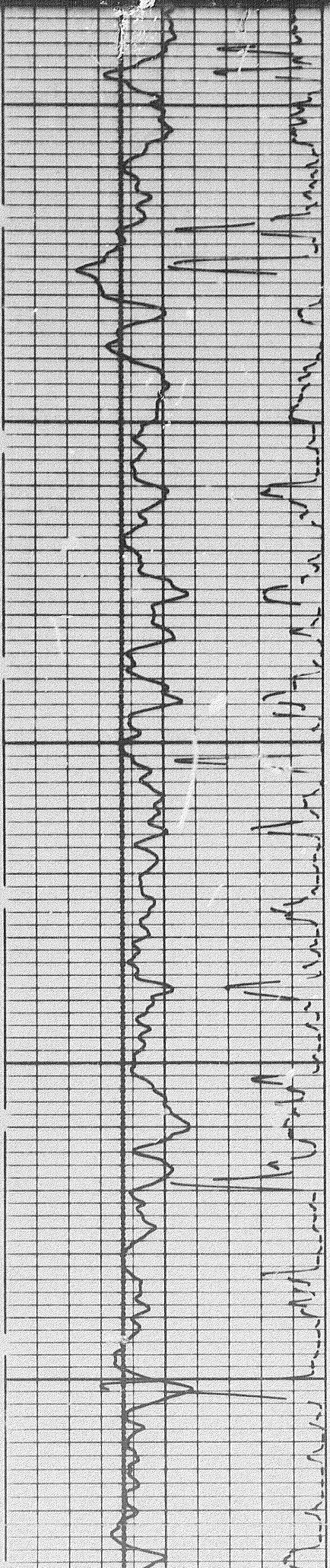




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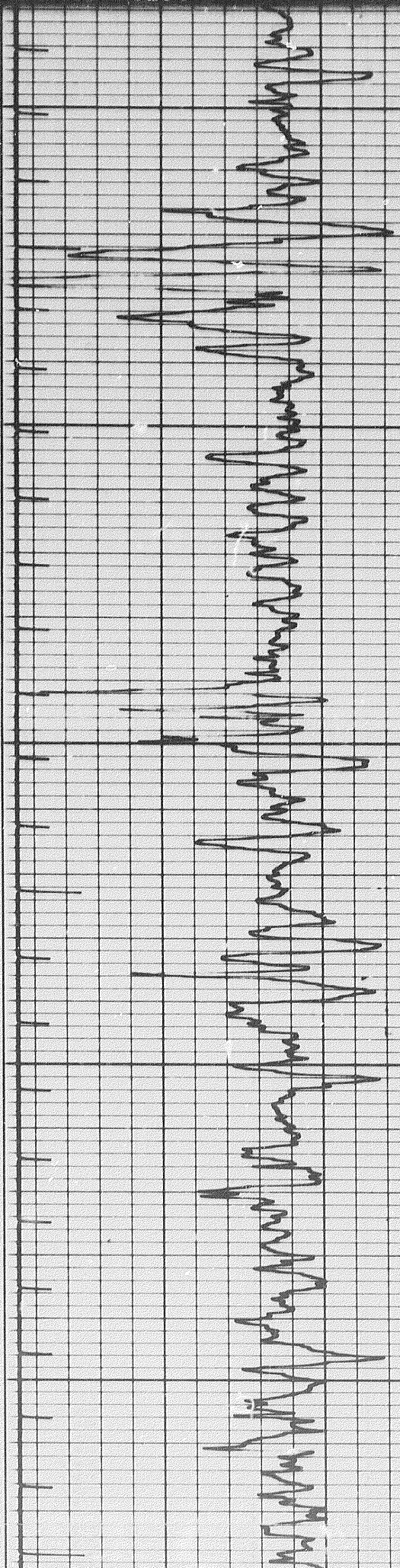
4100

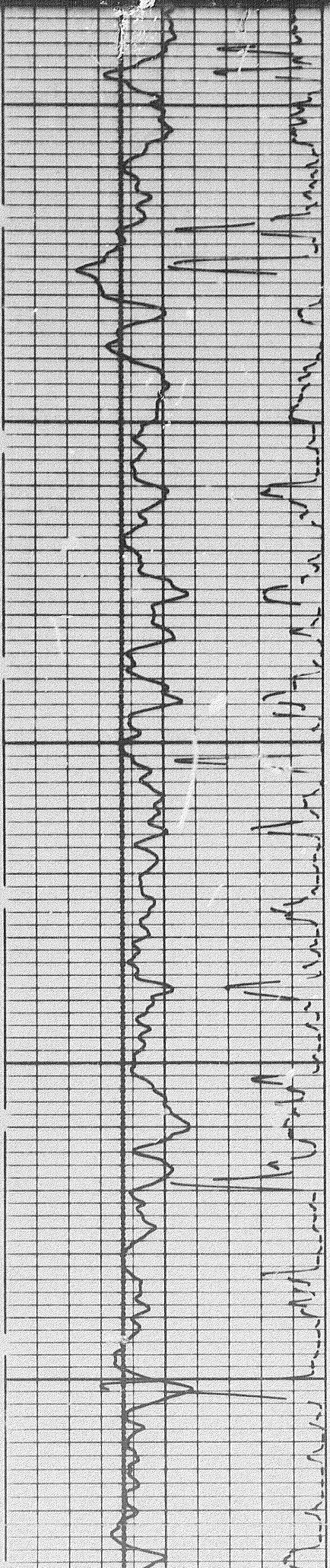




3600

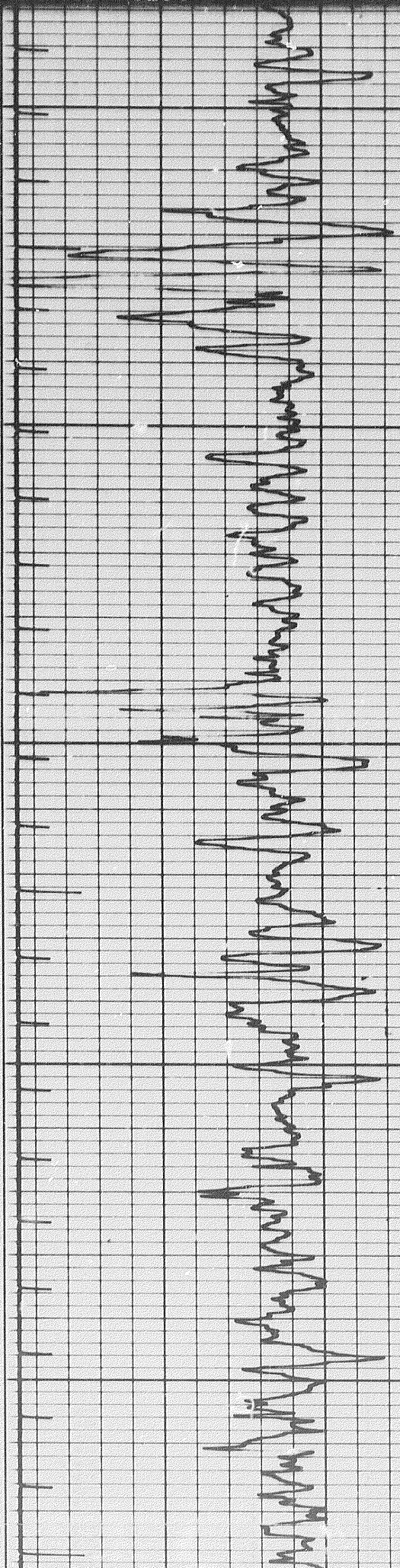
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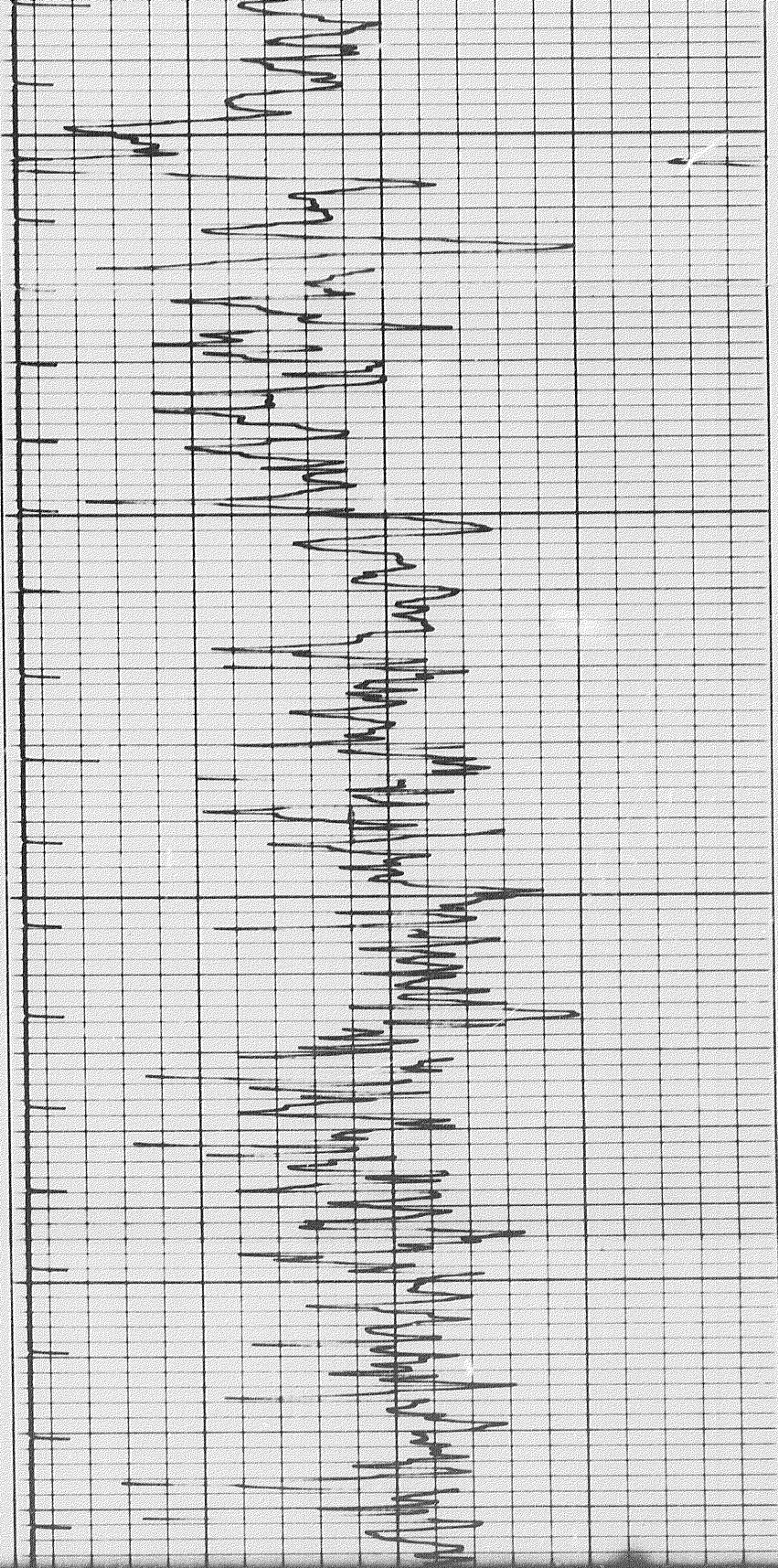




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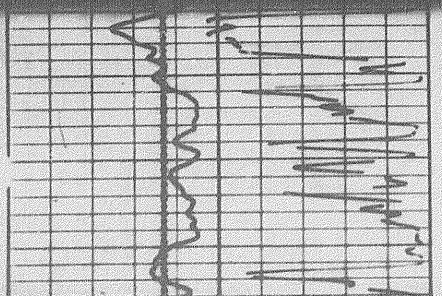
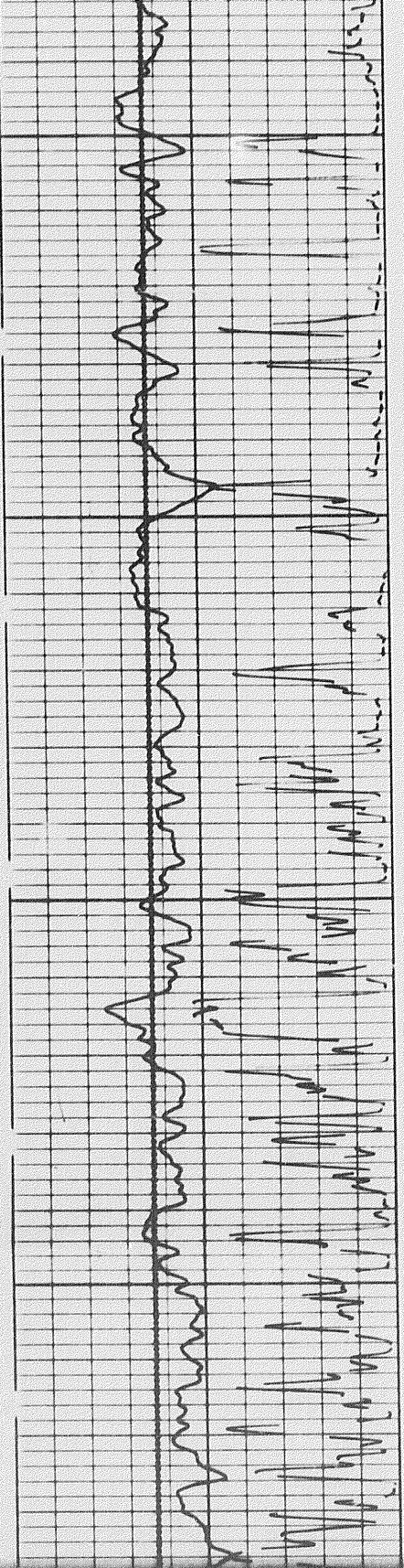
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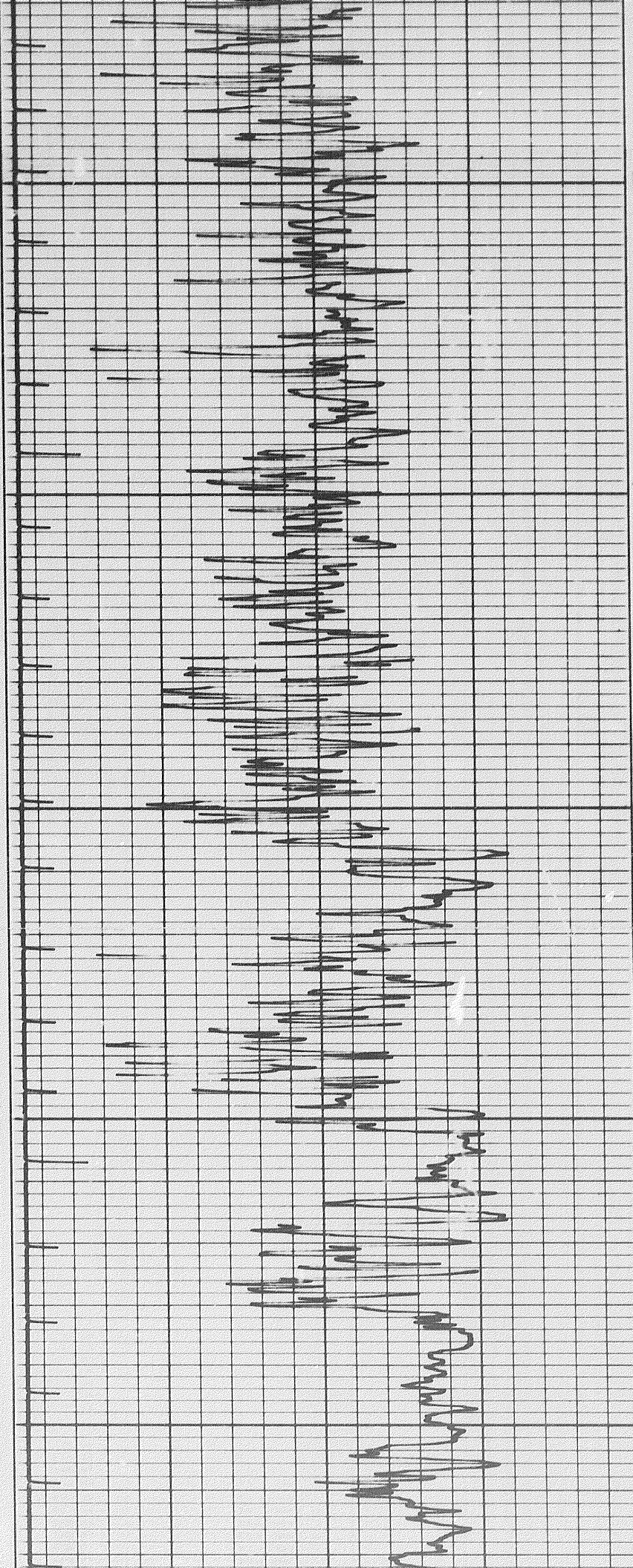




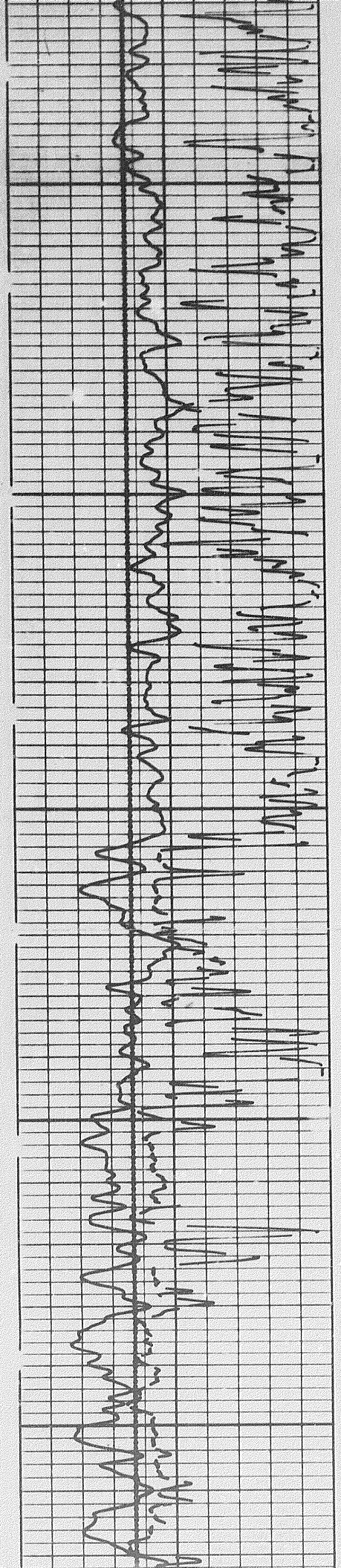
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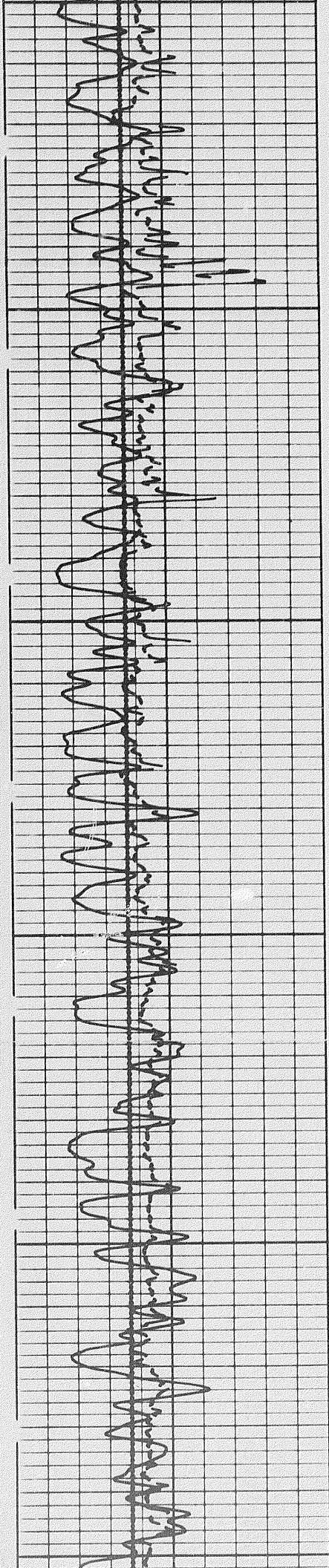


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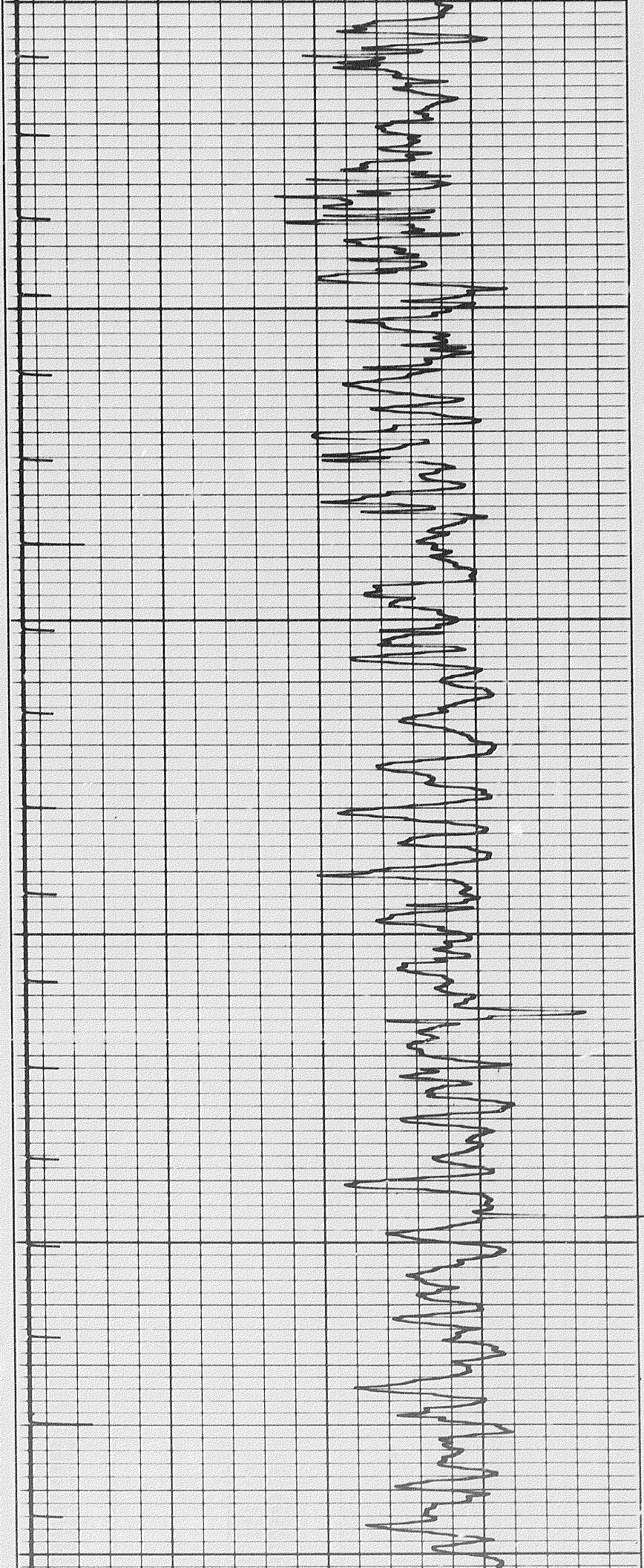
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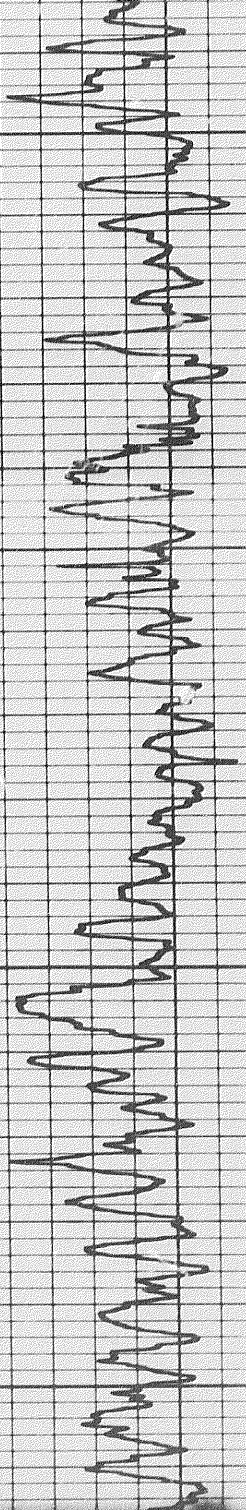


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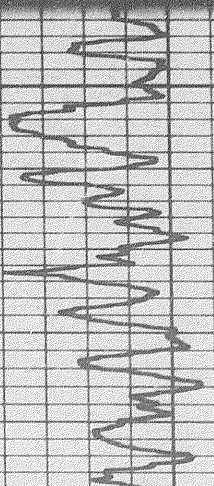
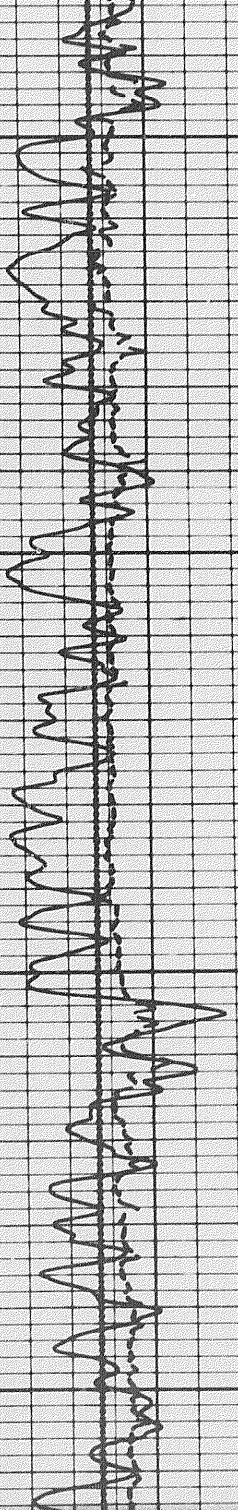
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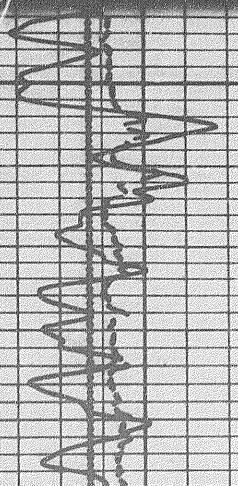


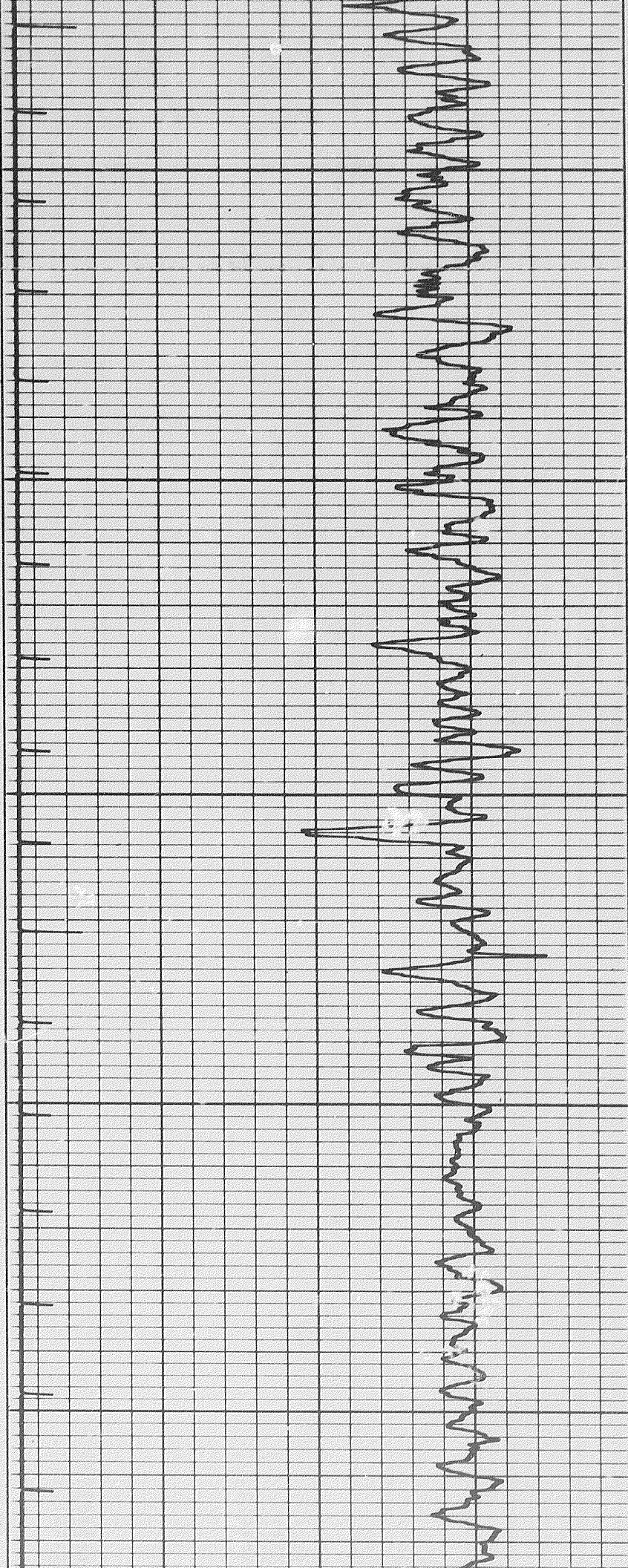
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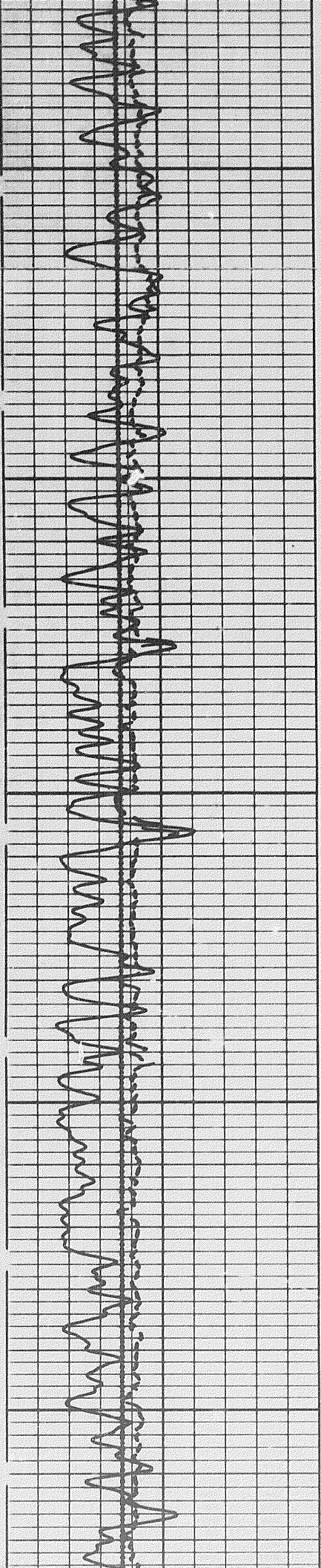
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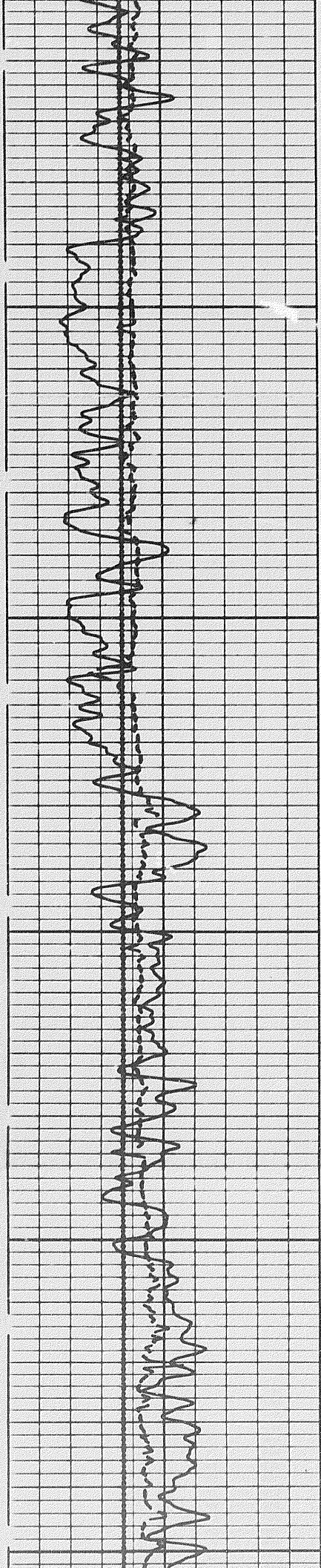


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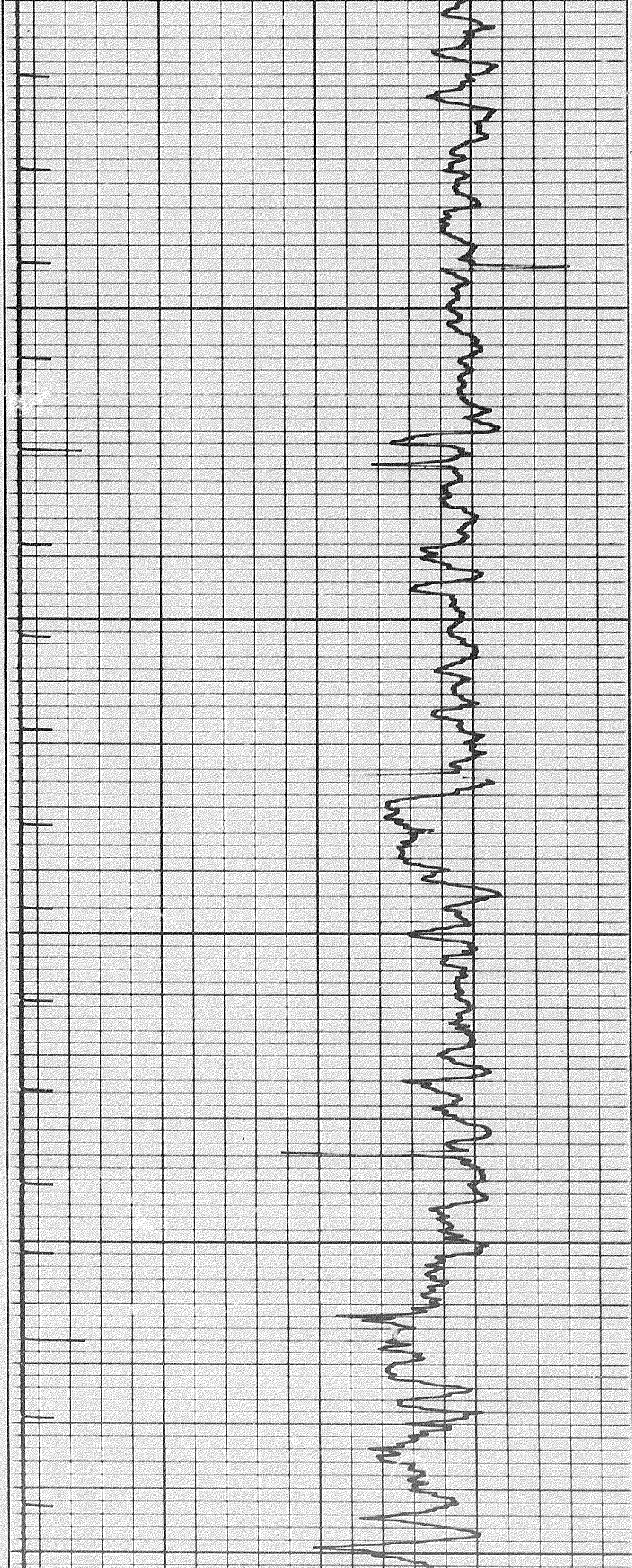
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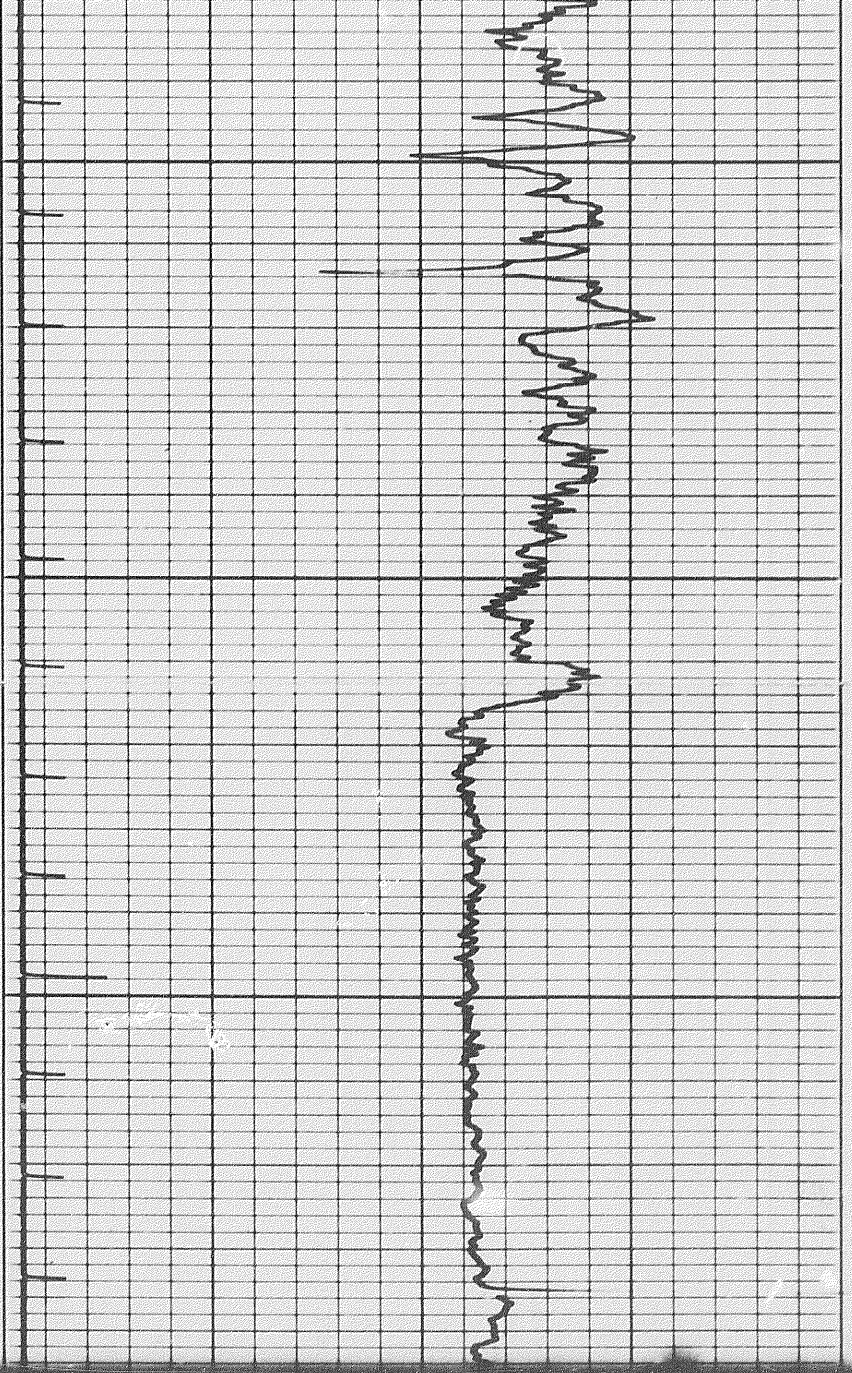


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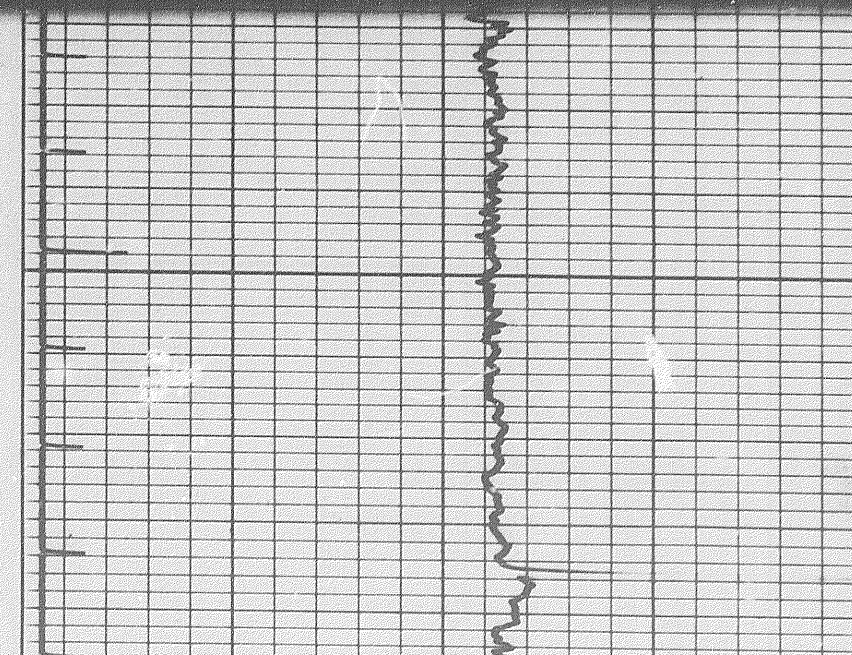
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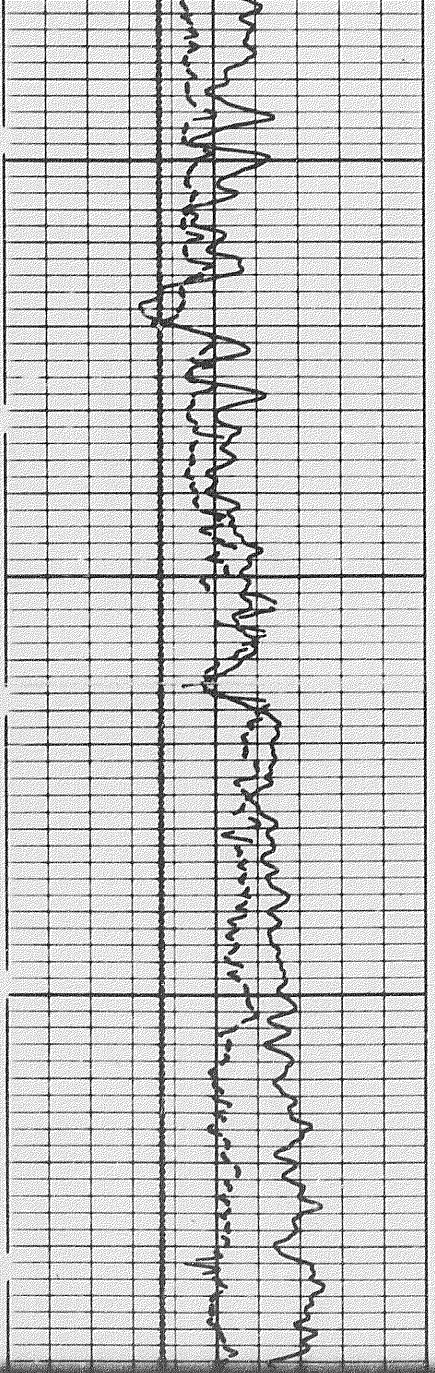




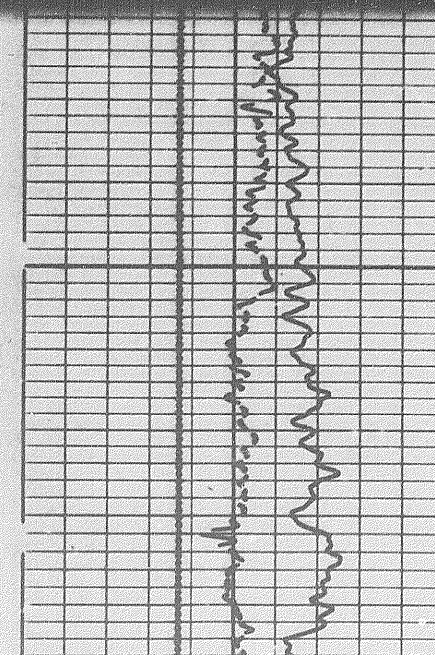
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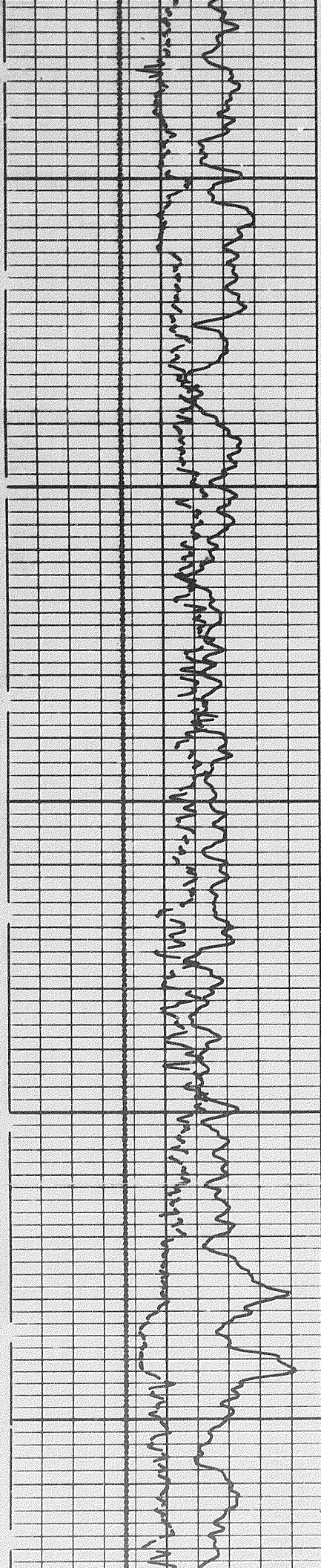


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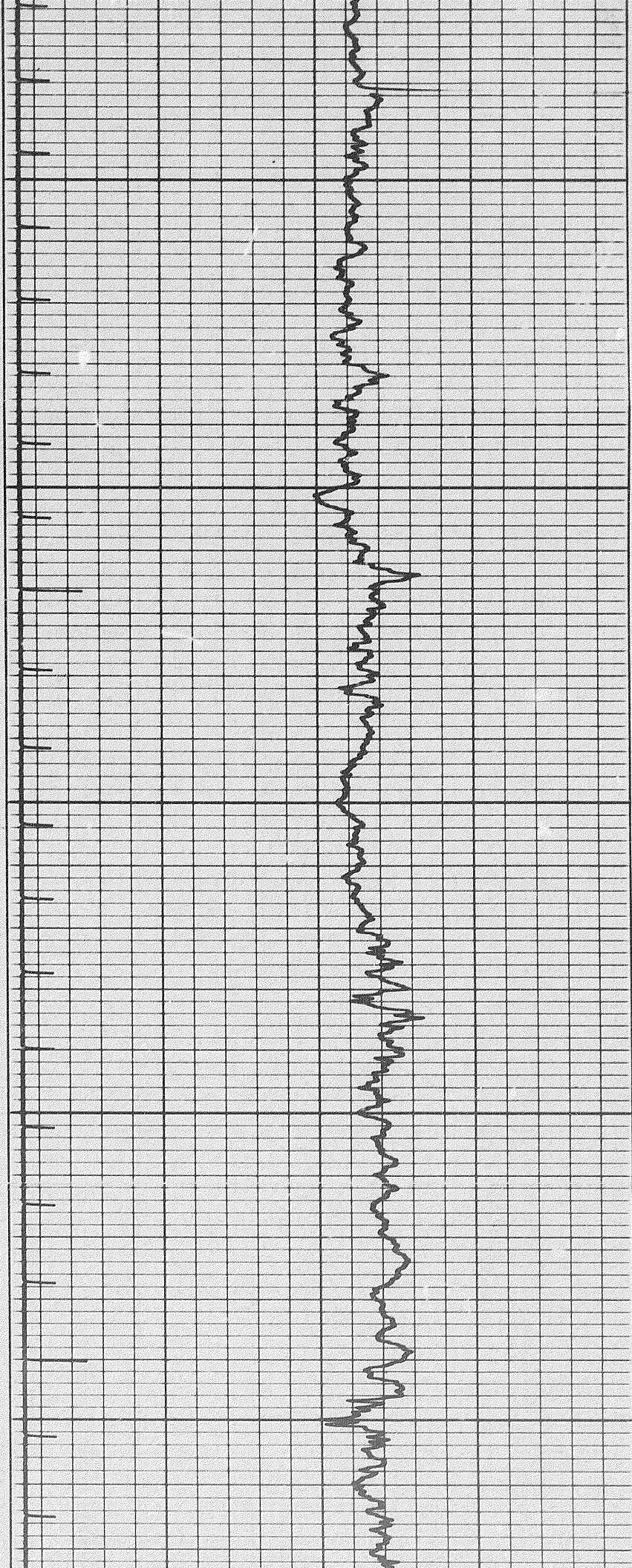
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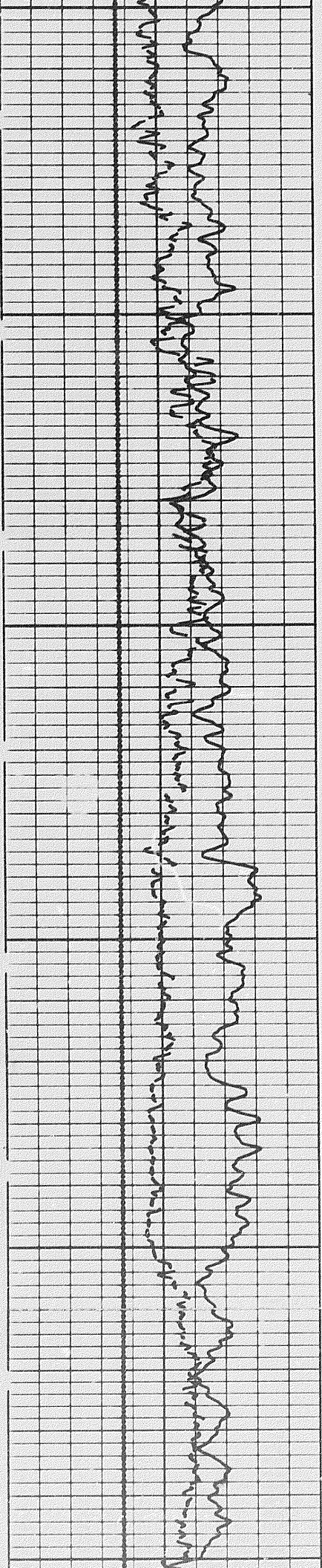


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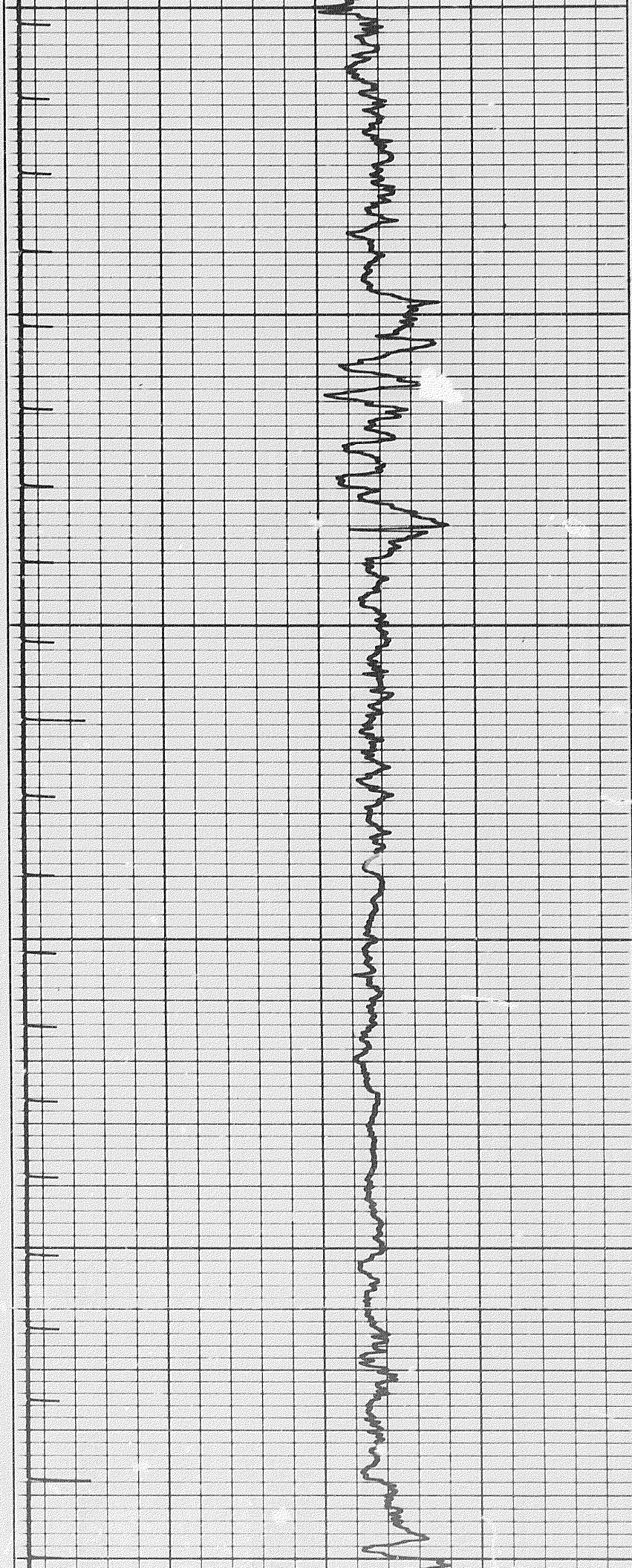
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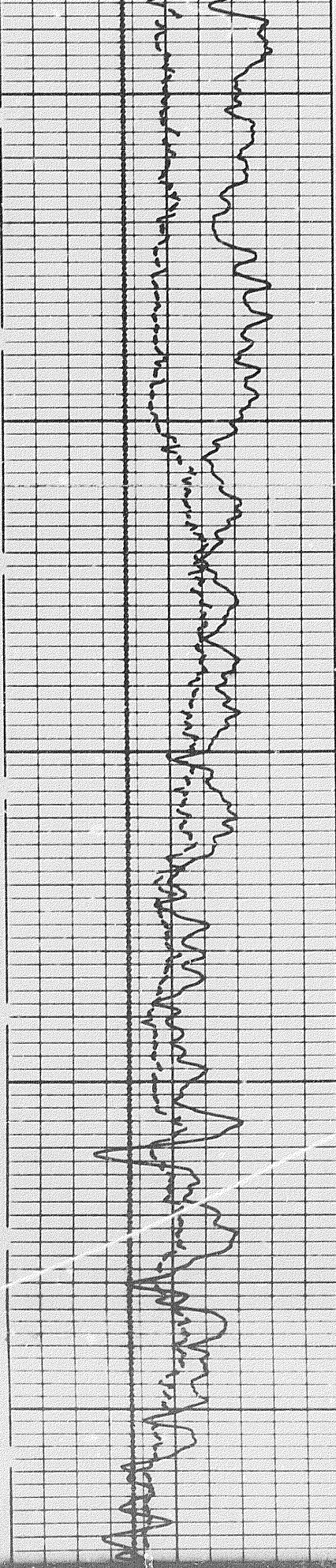


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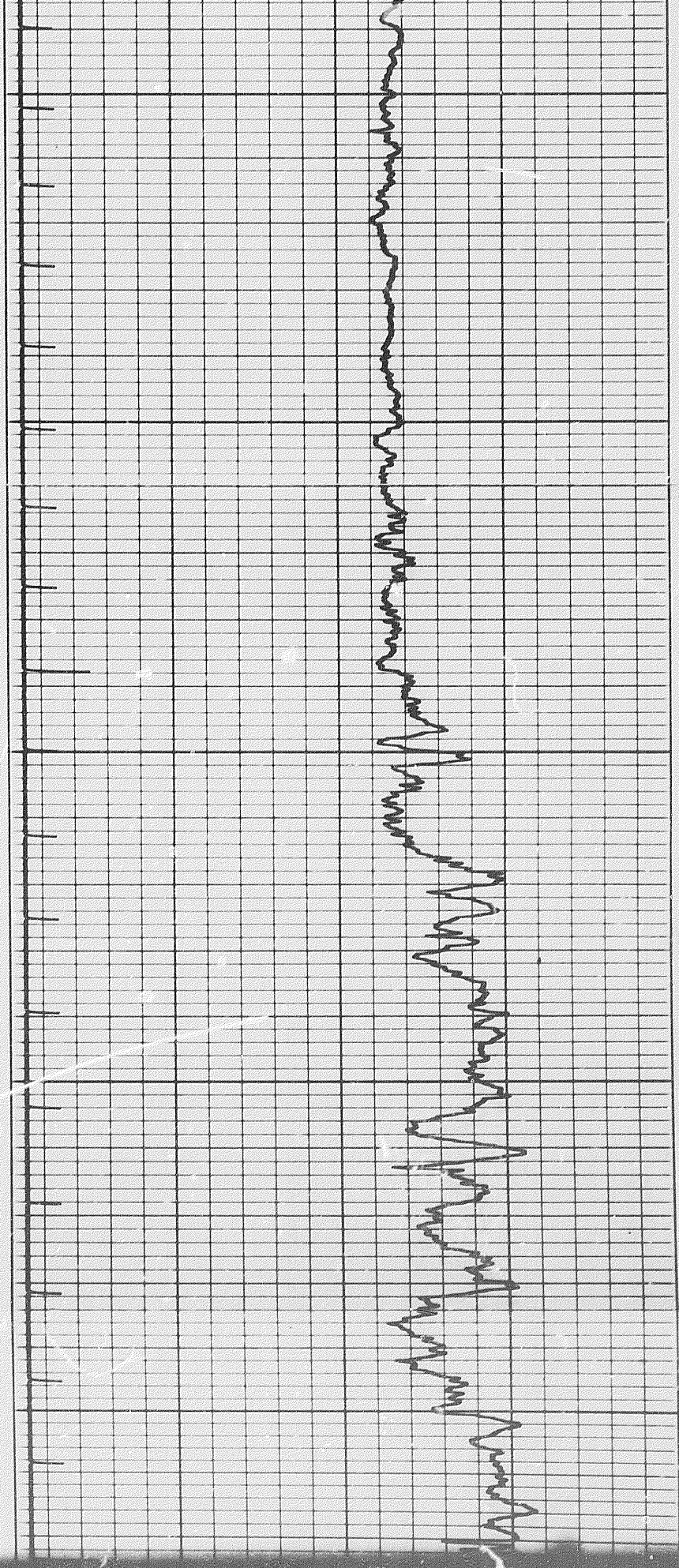


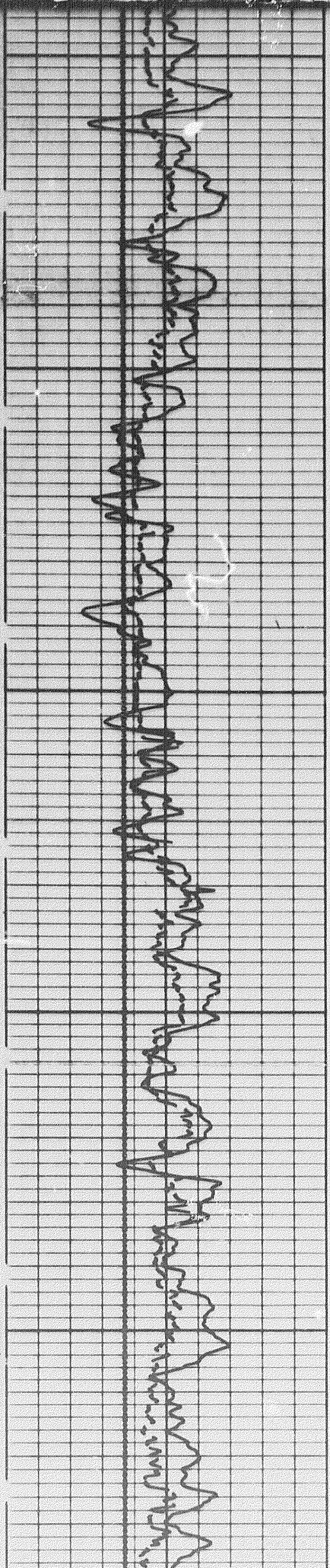


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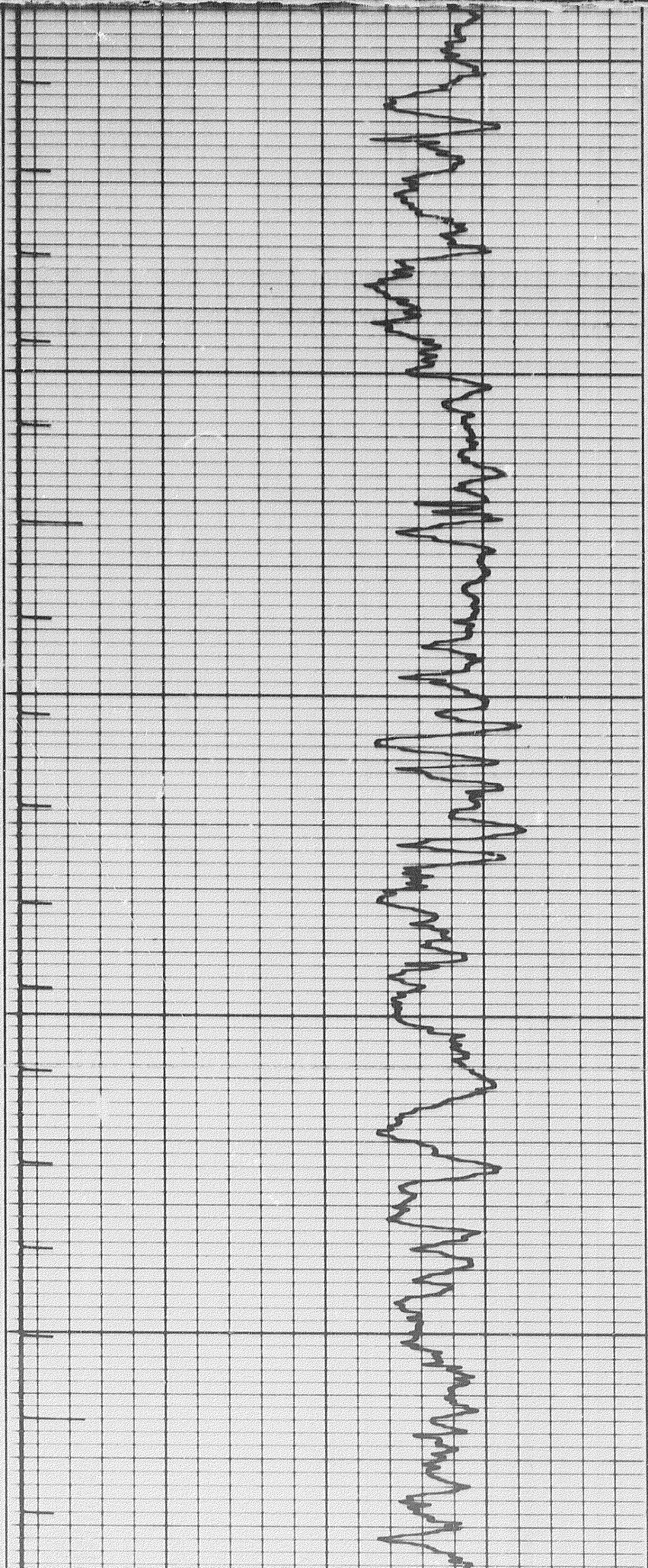
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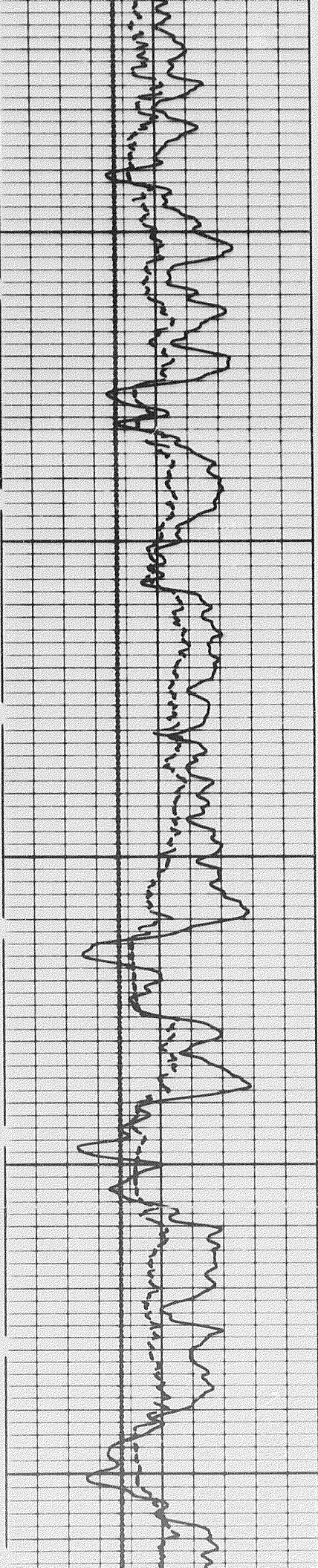


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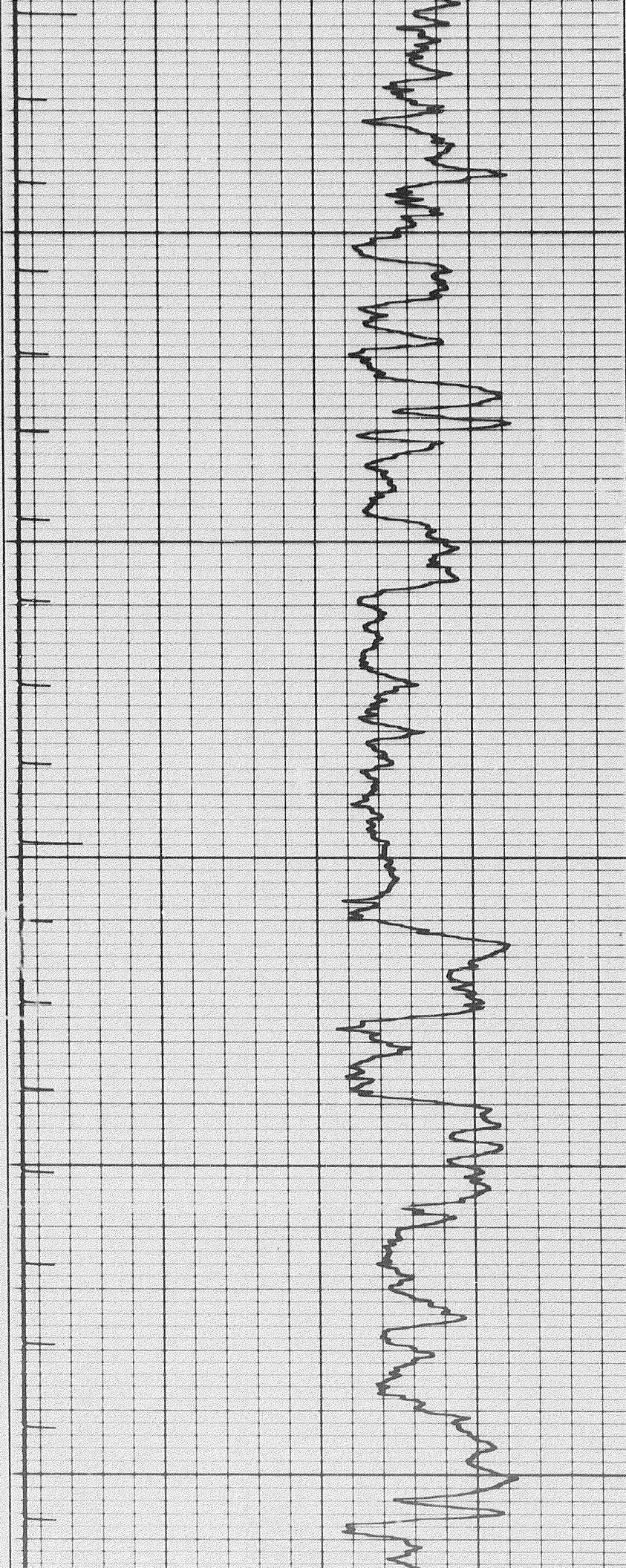
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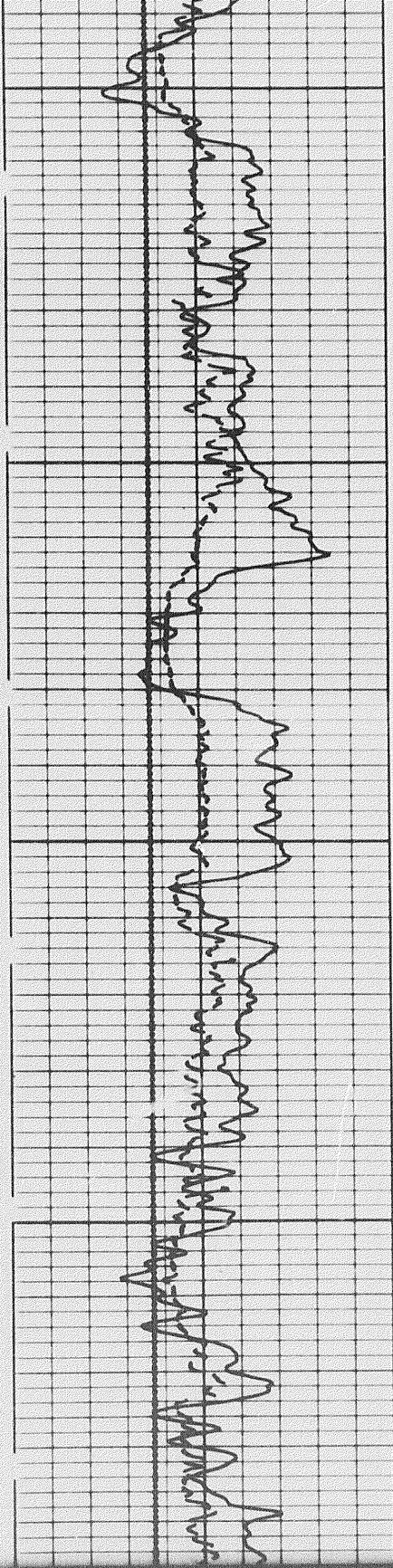


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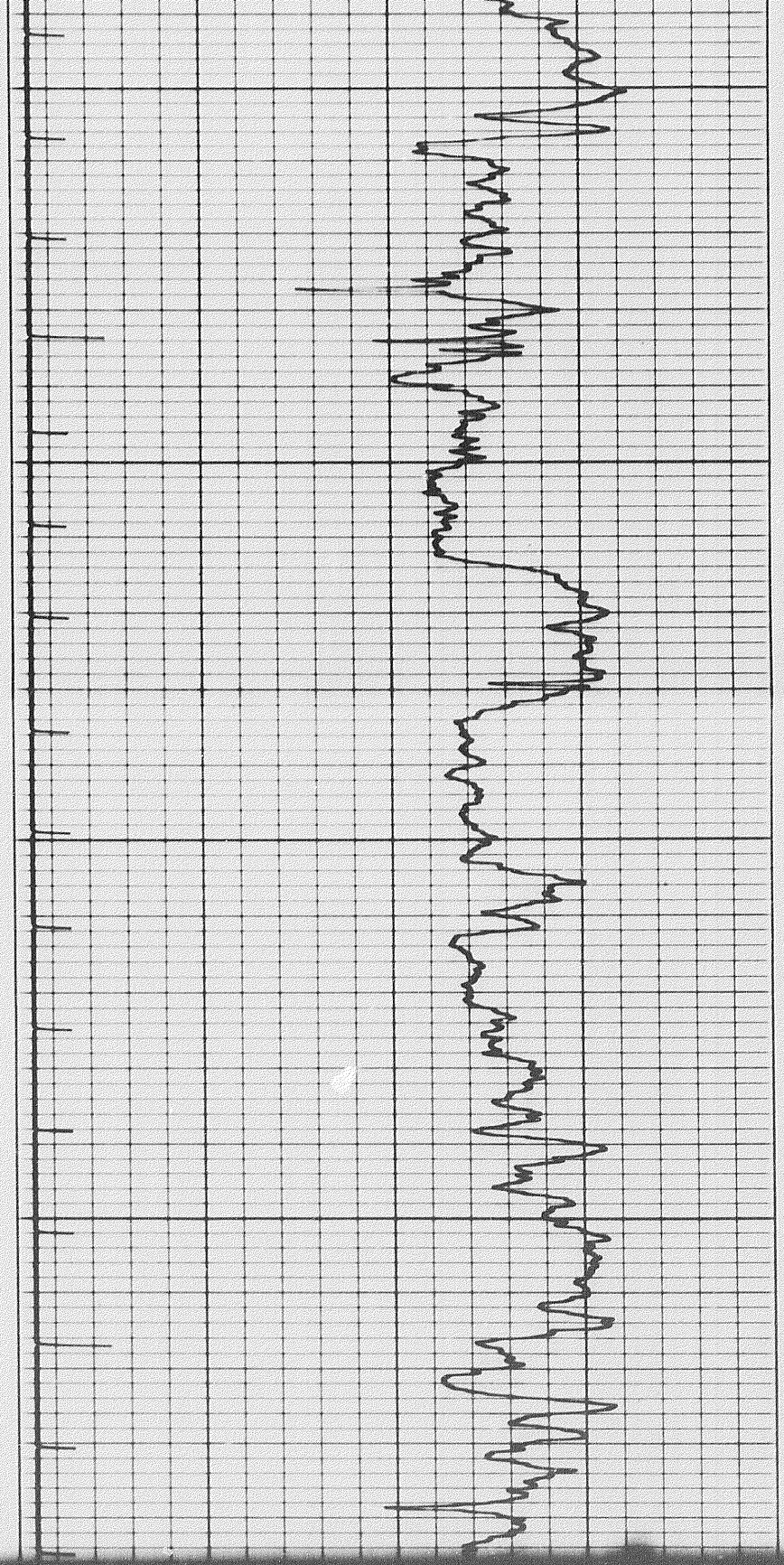
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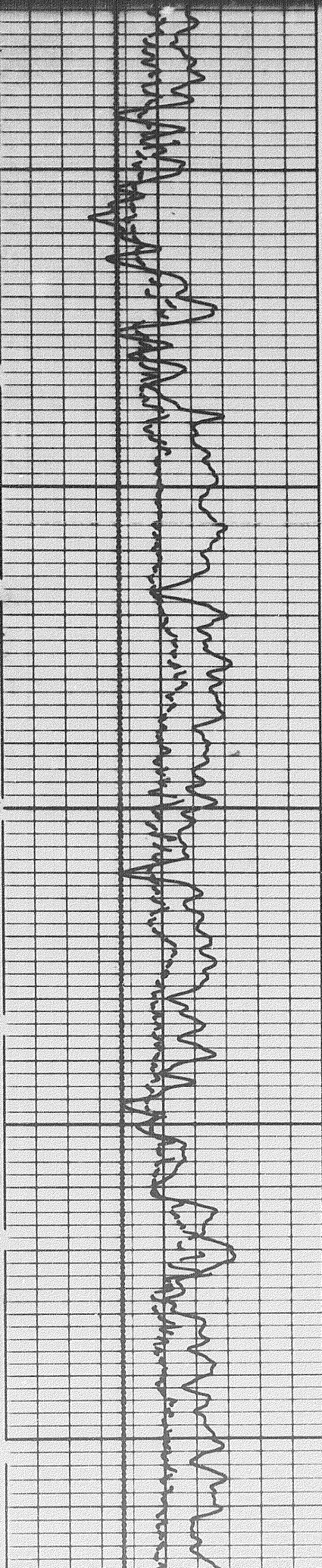




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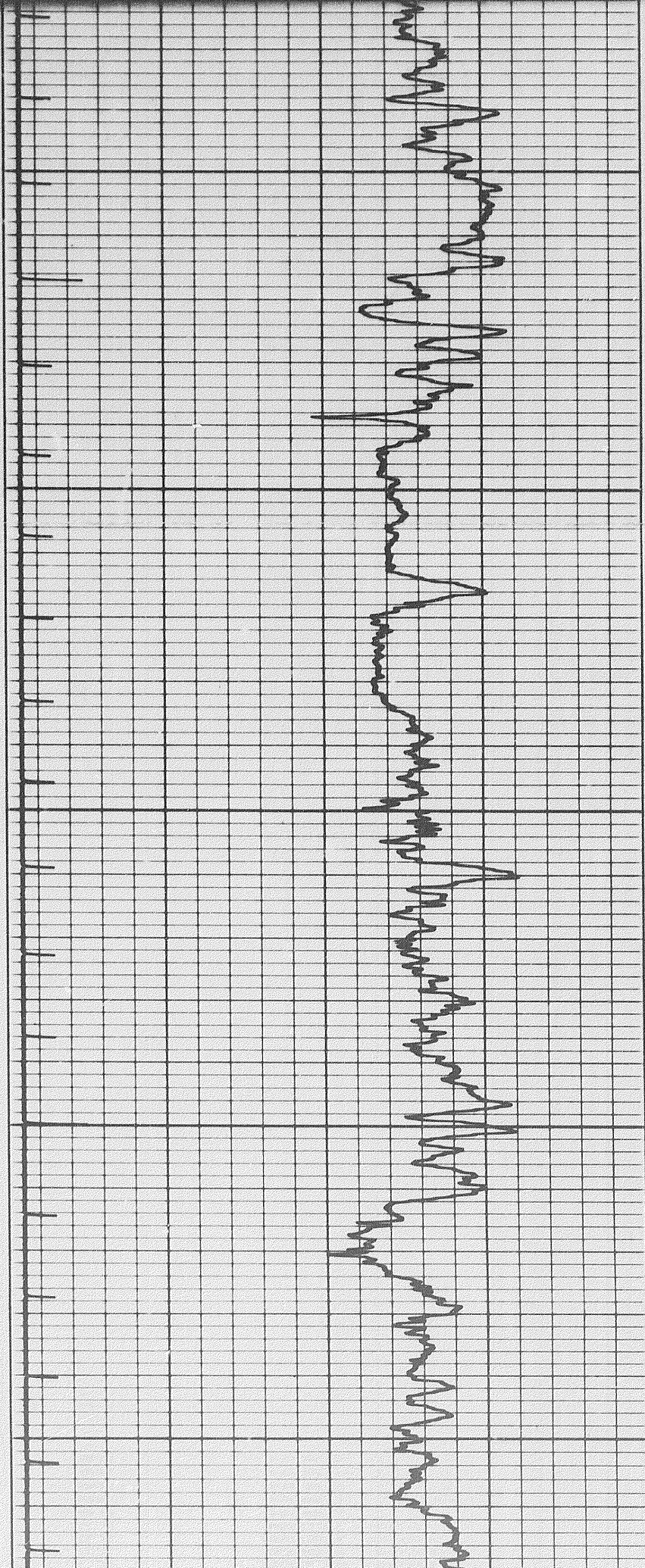
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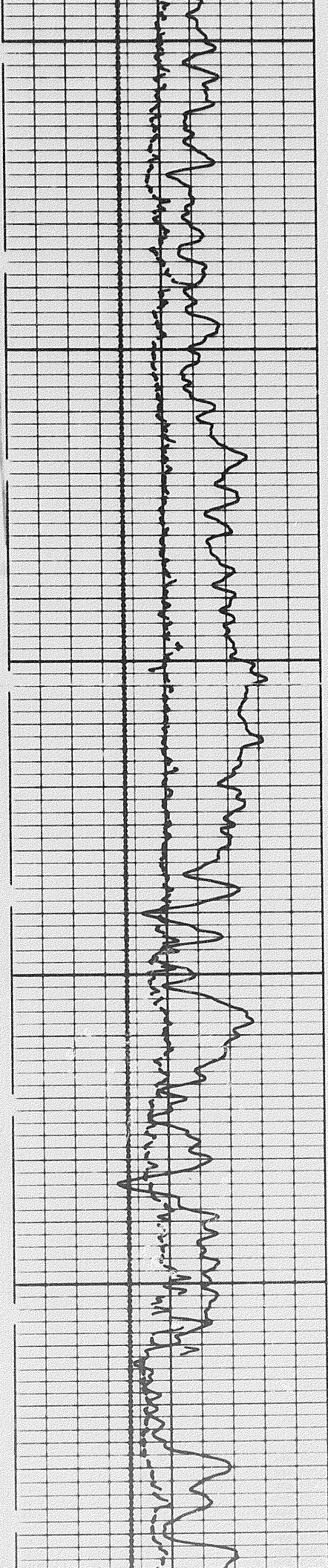


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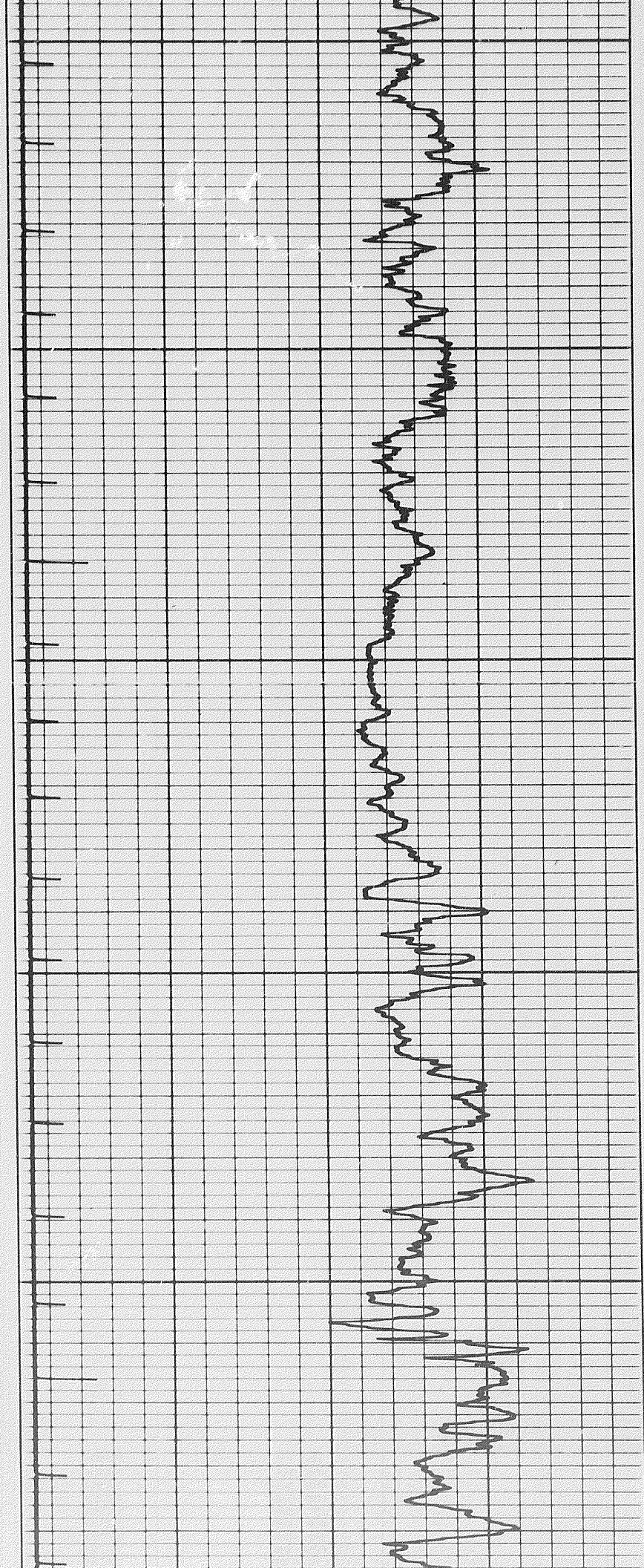


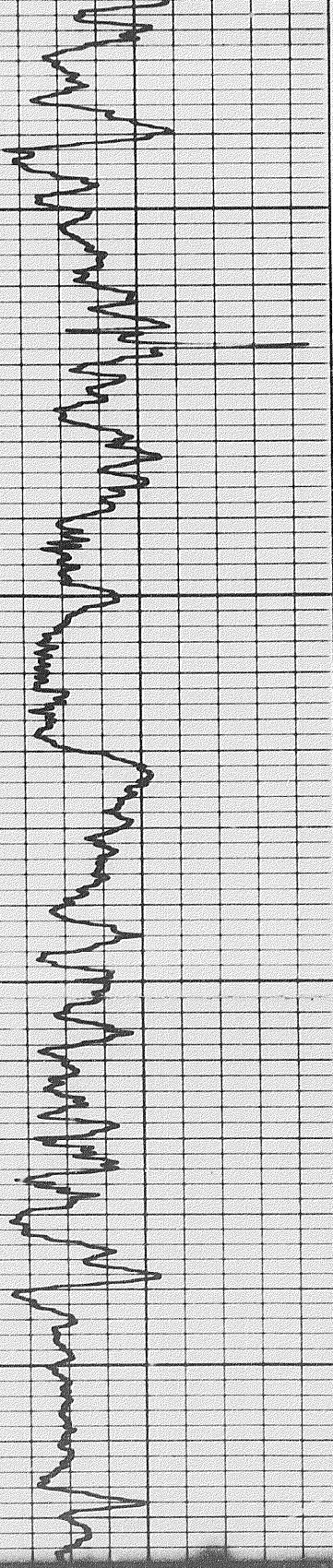
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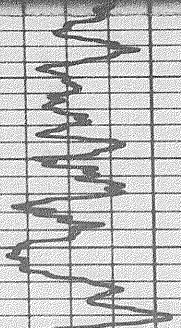
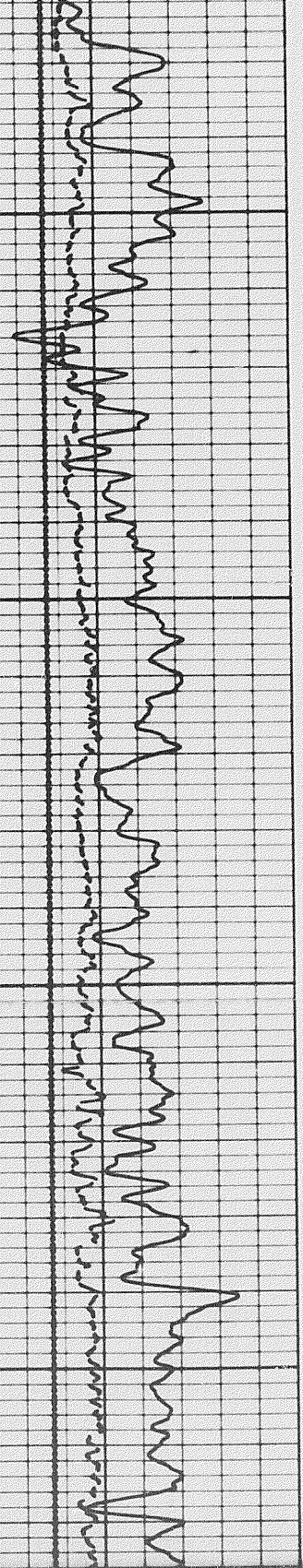
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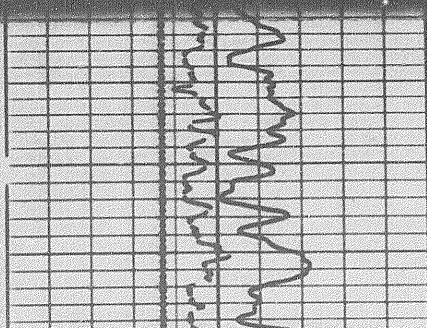


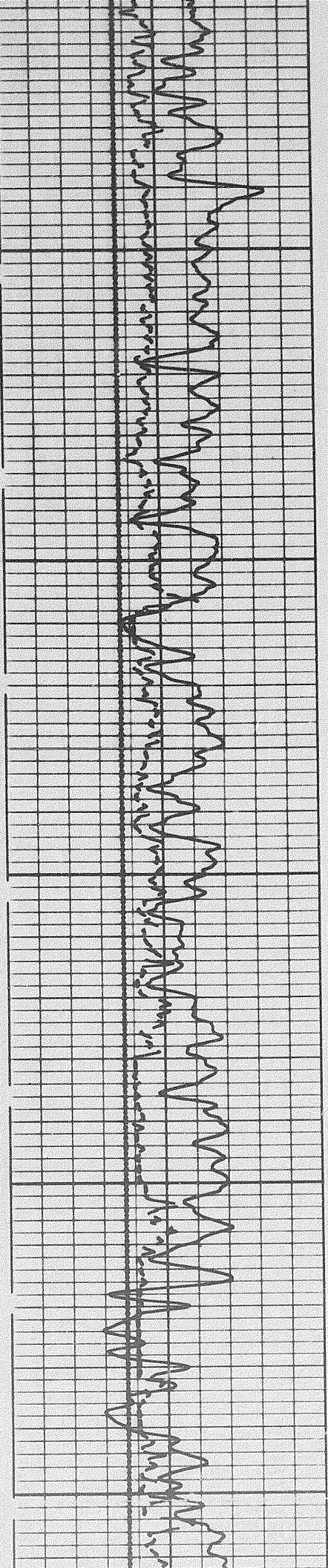
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10/10/7



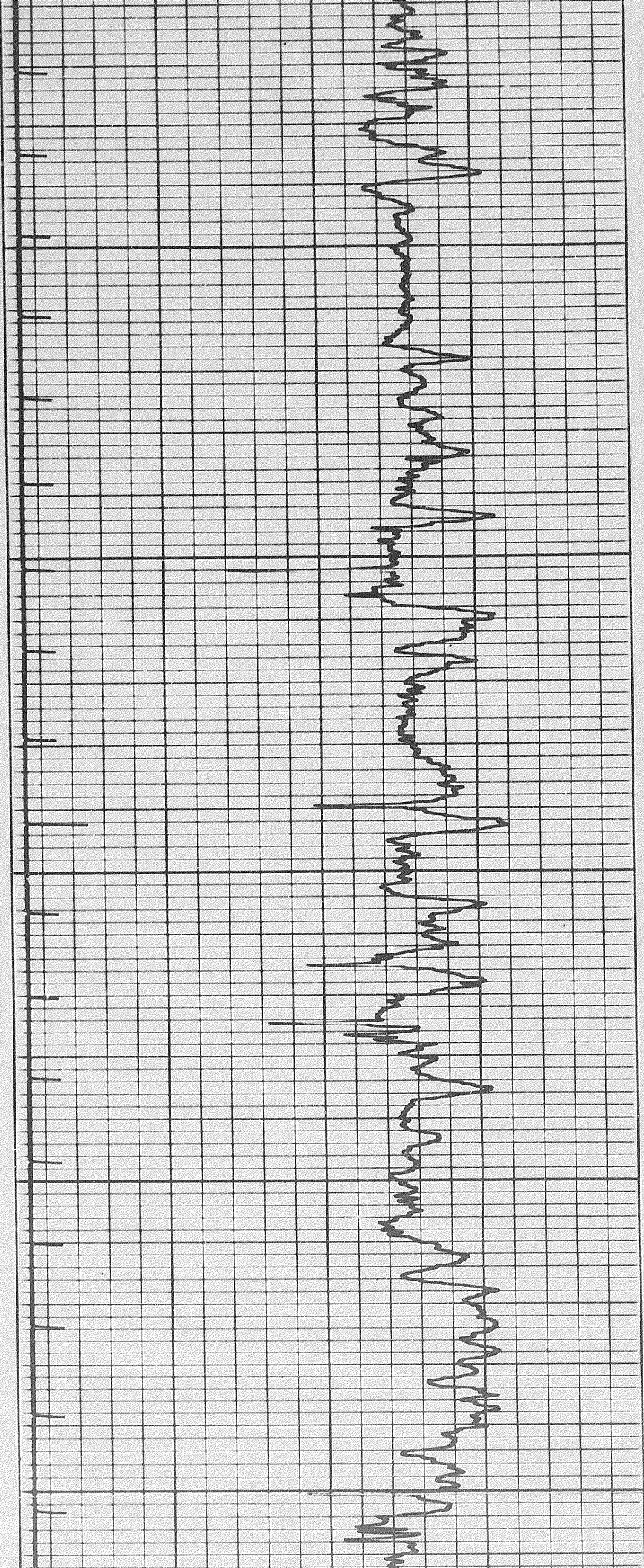
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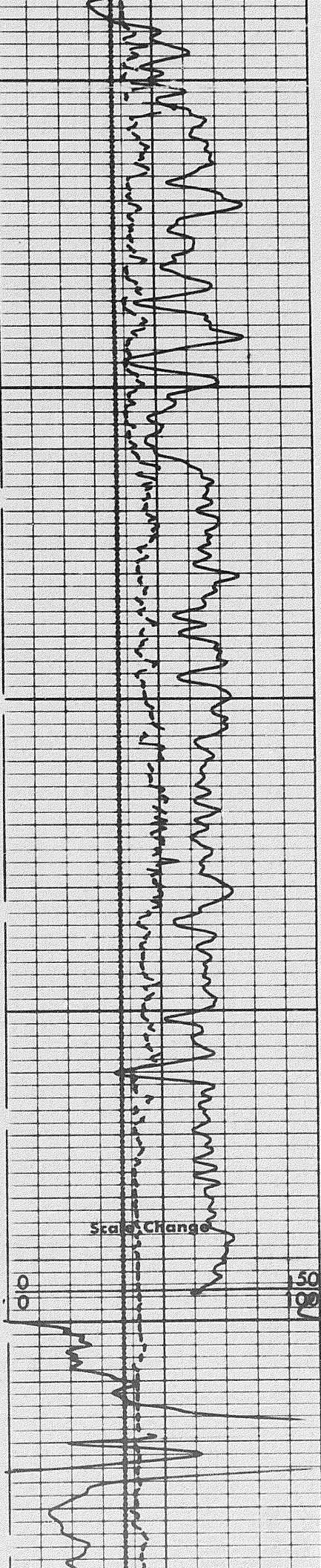


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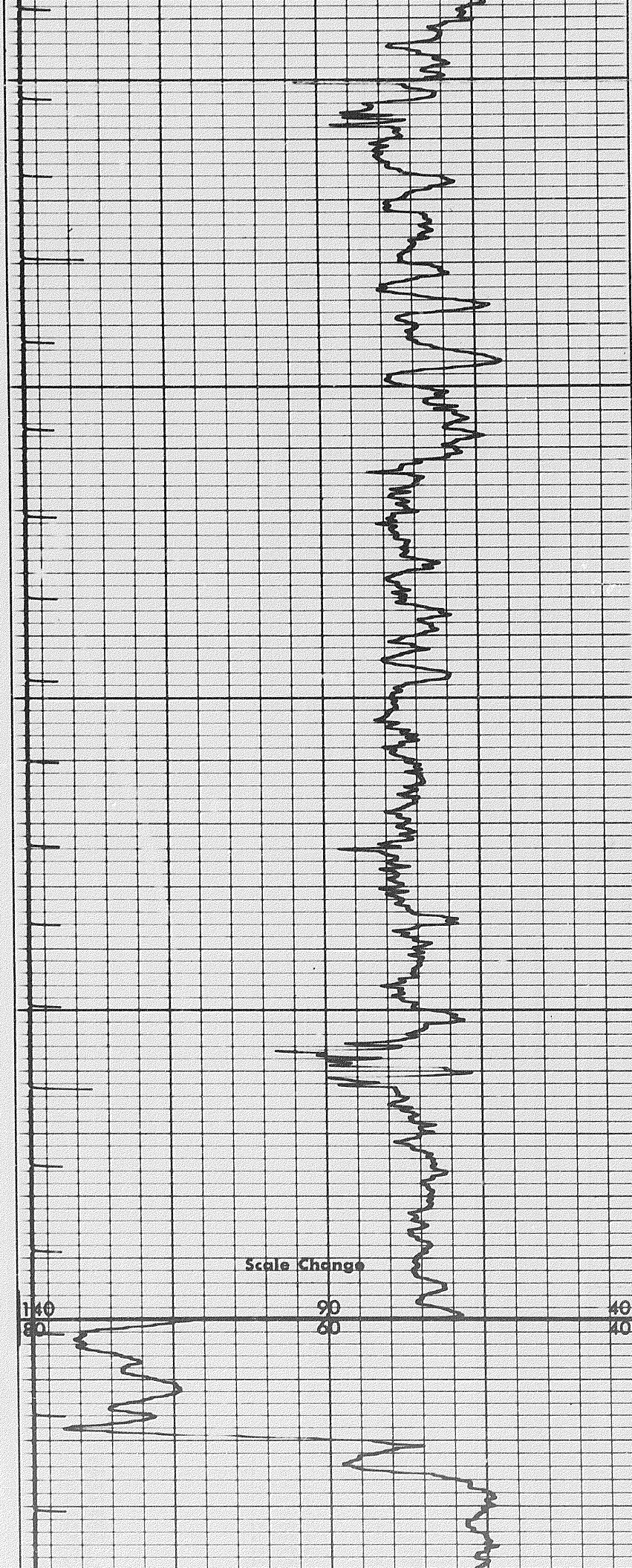


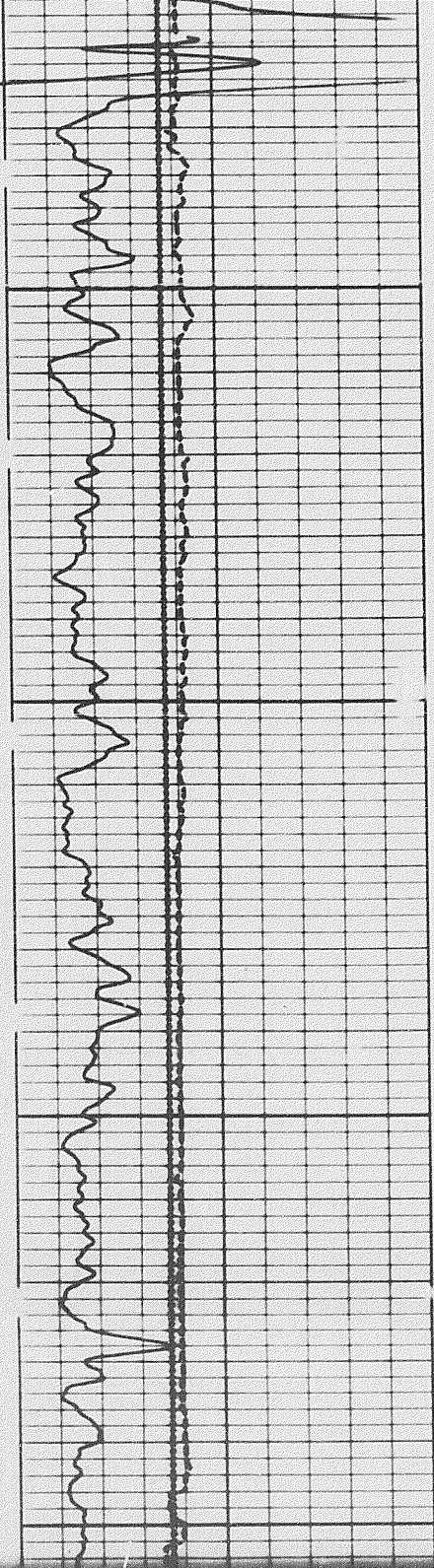
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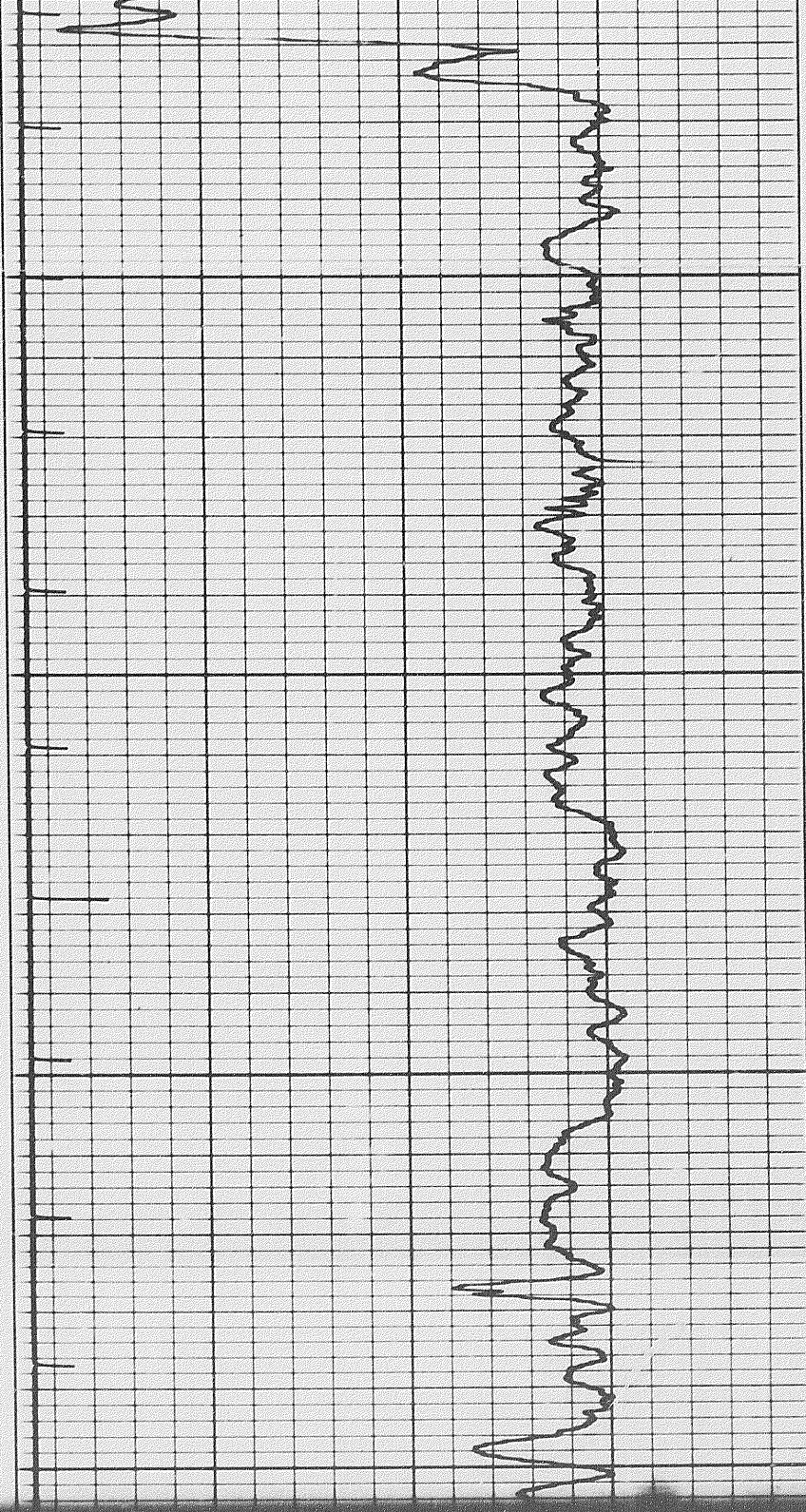
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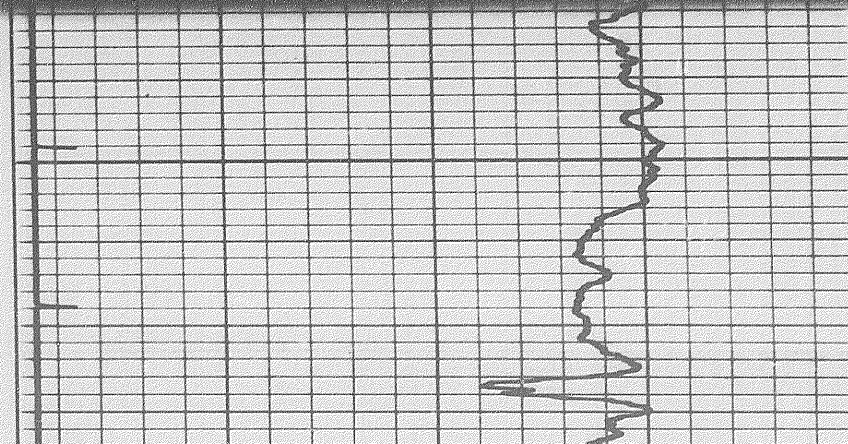
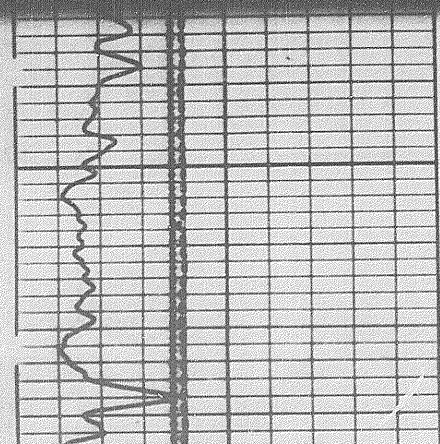


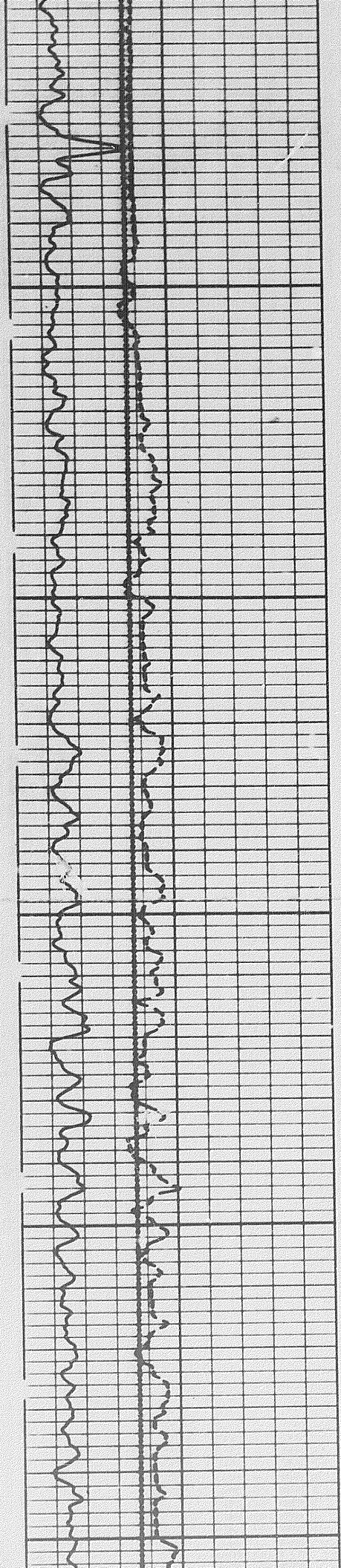
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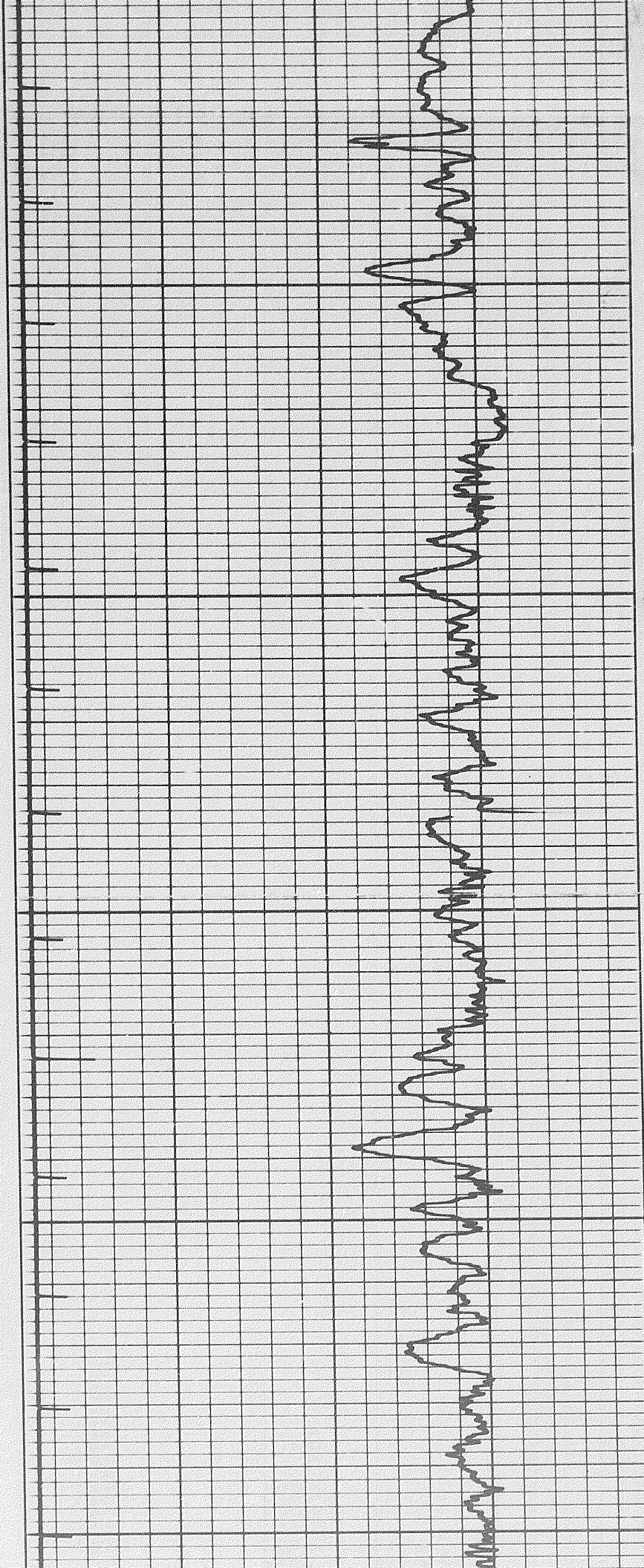
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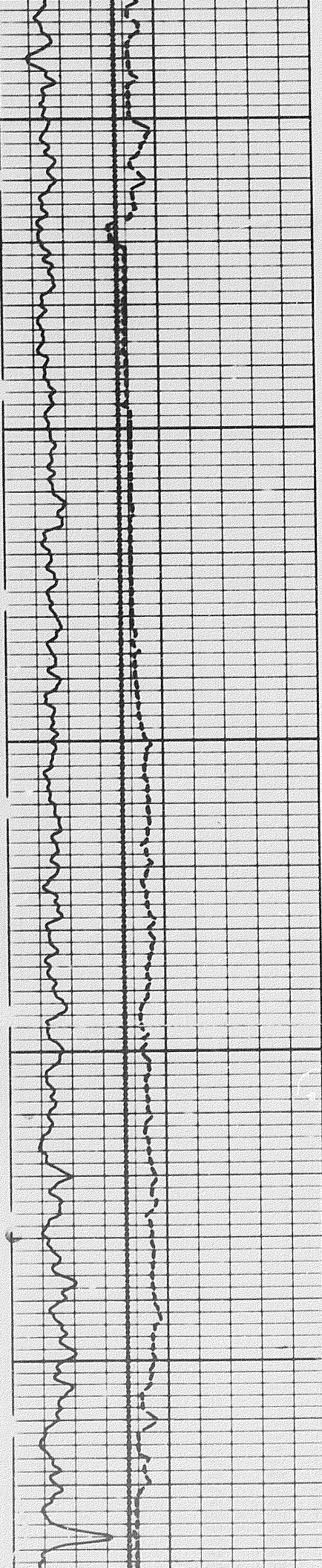


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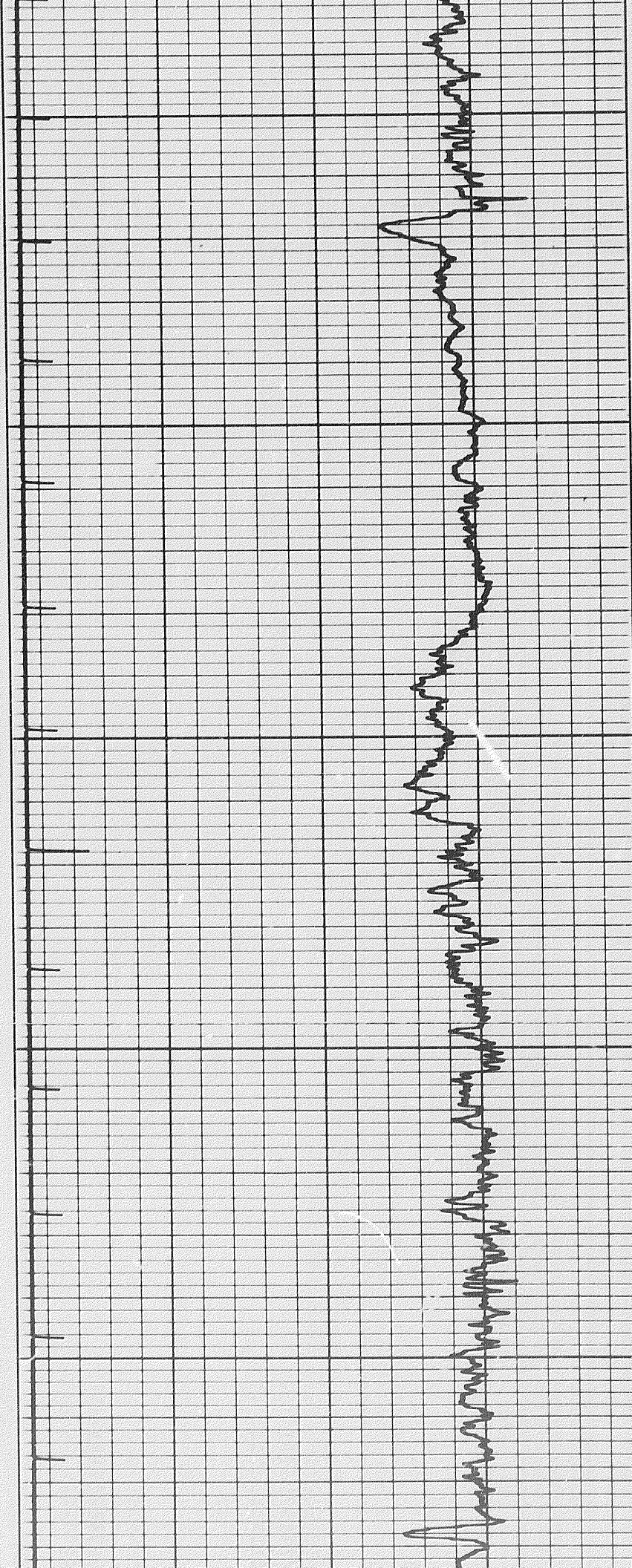


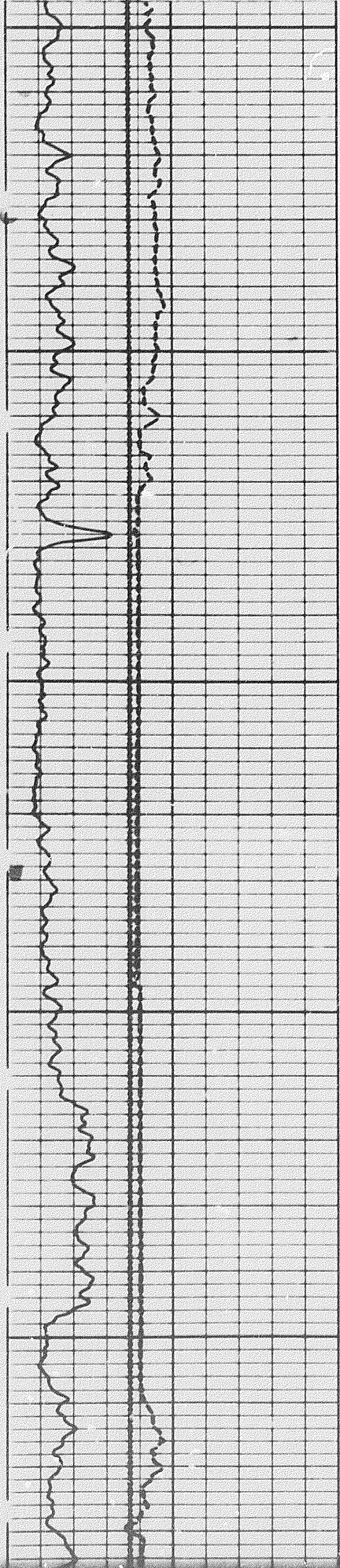
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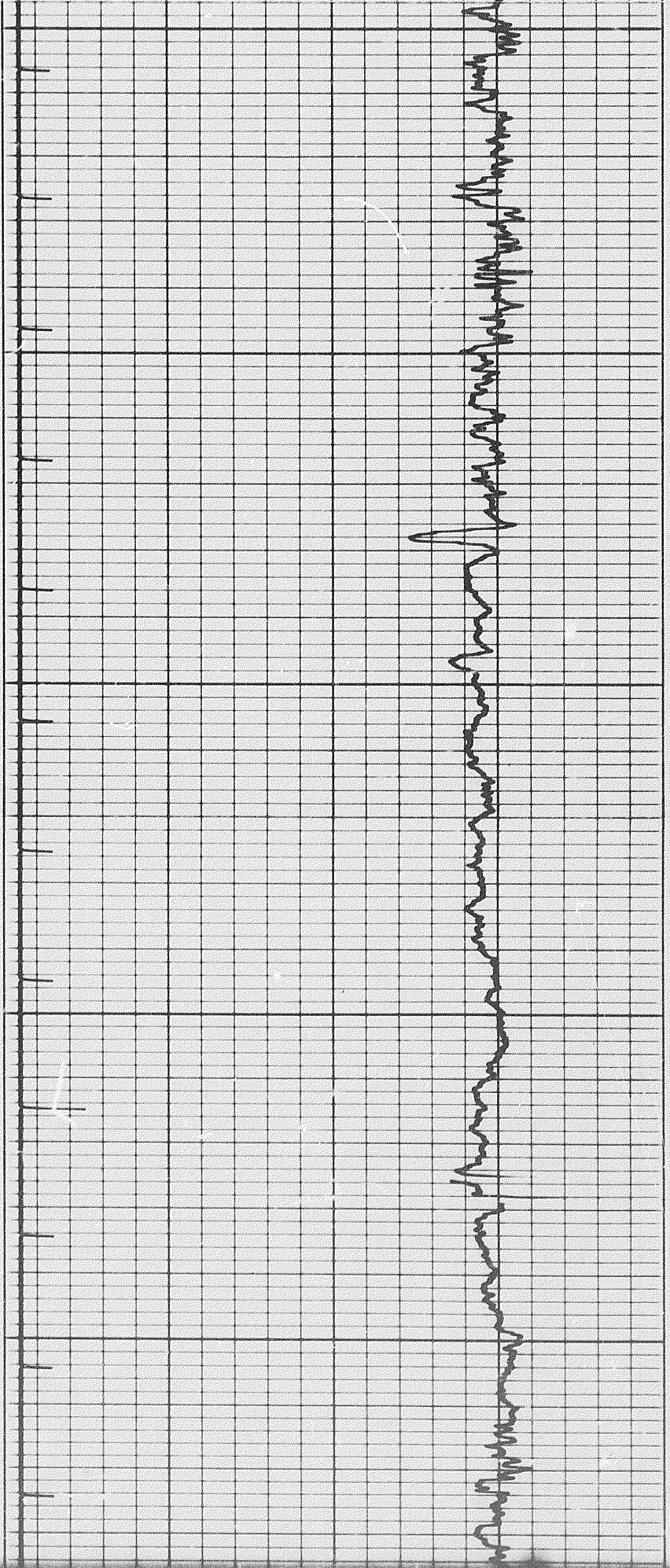


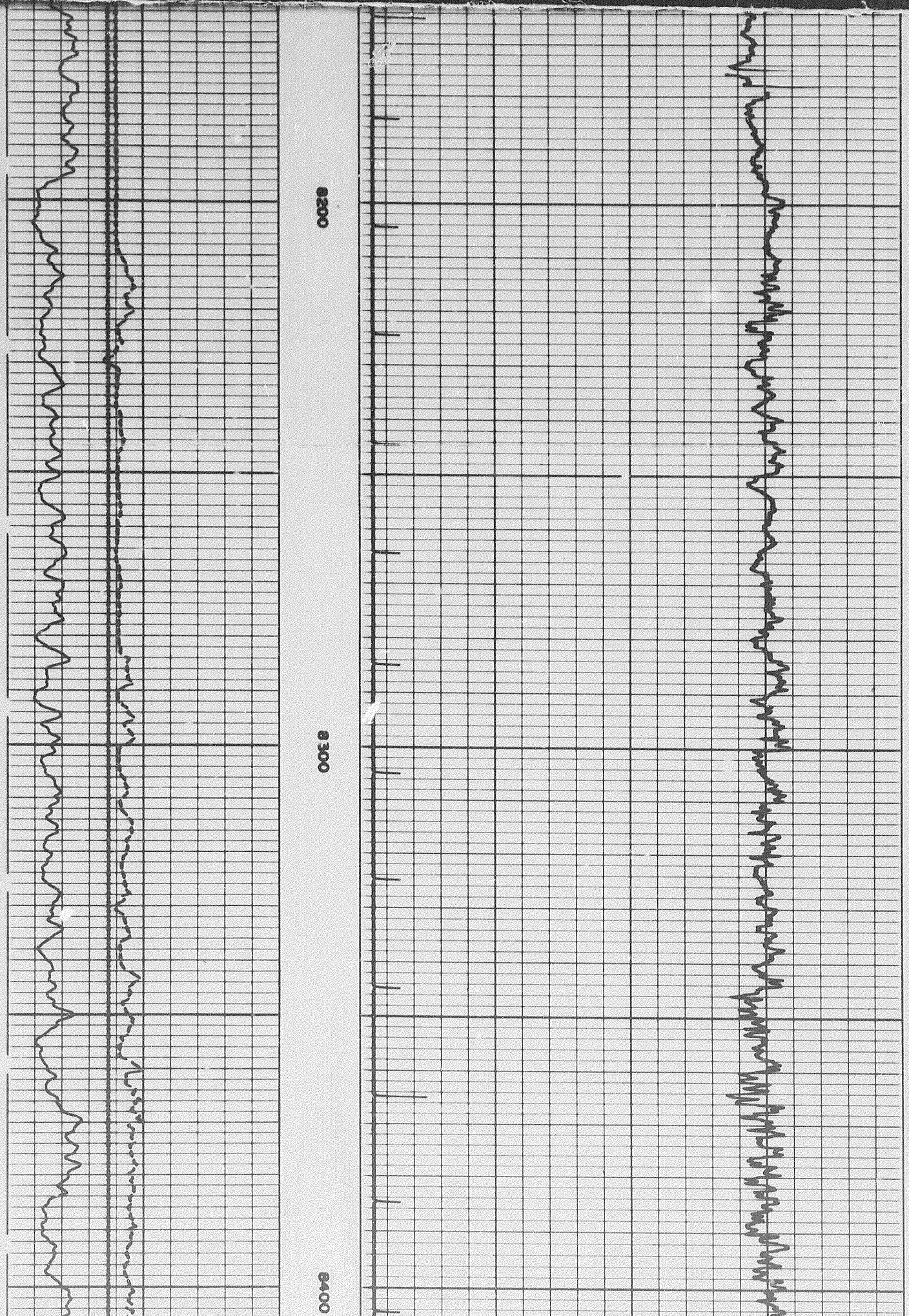


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0018

0008



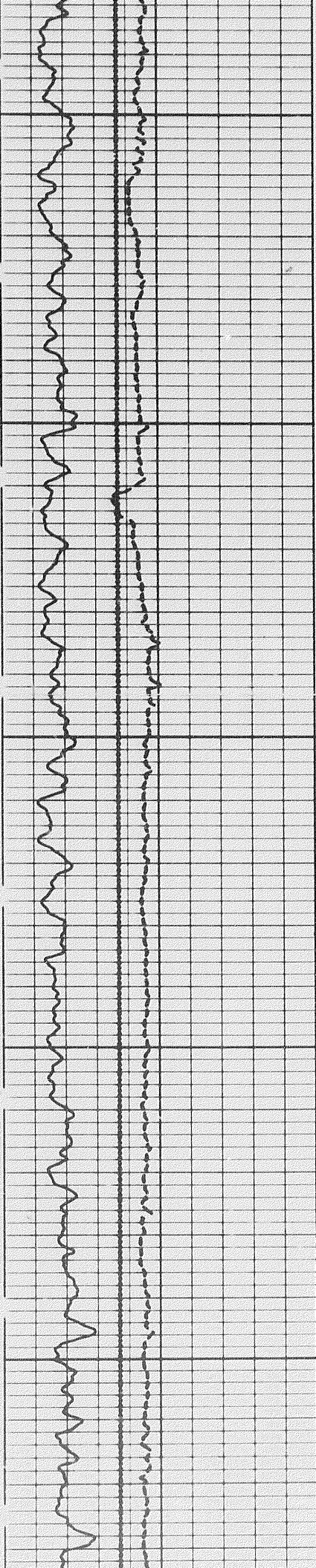


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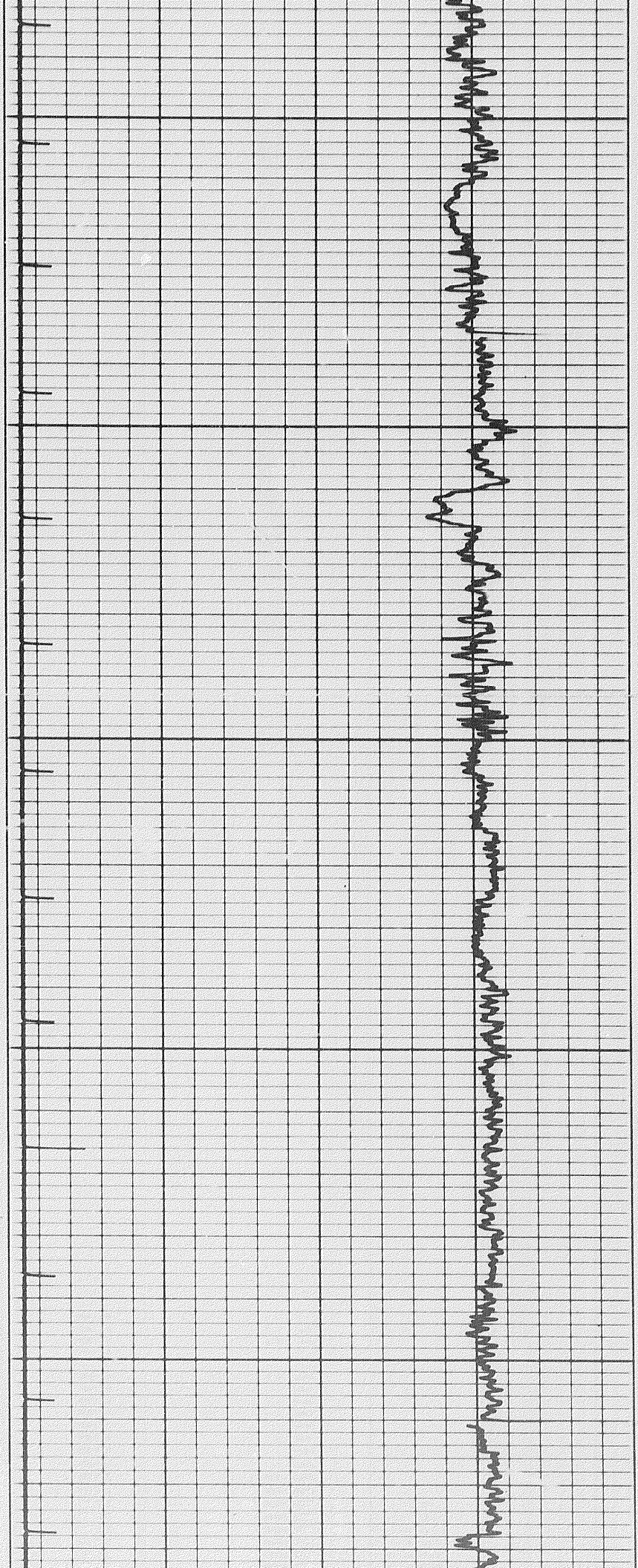
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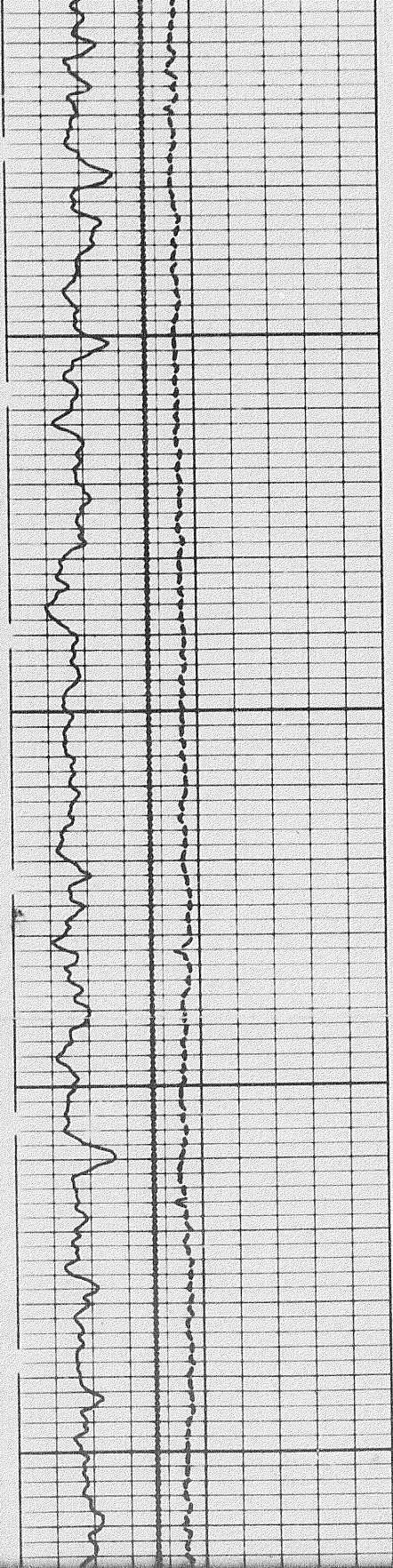


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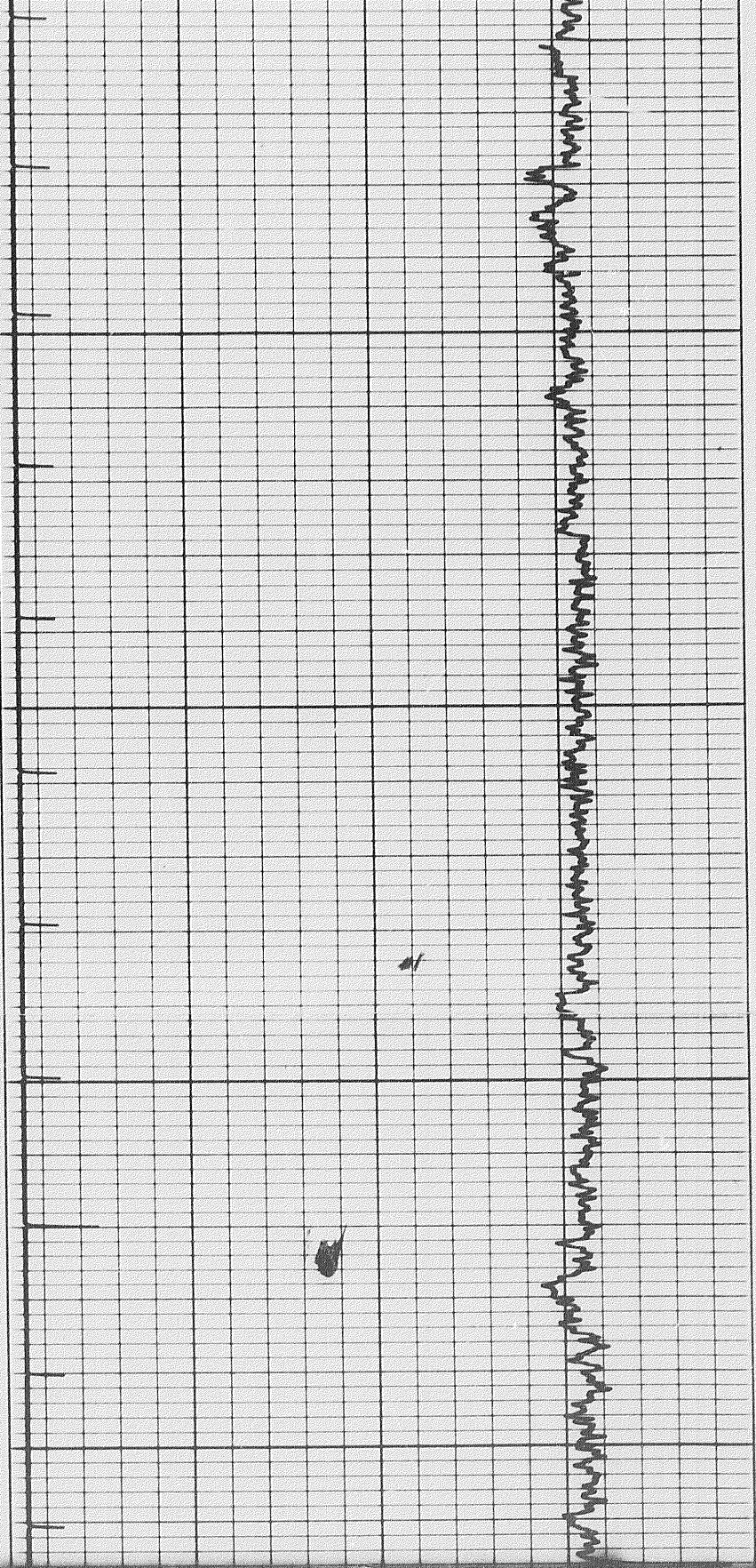
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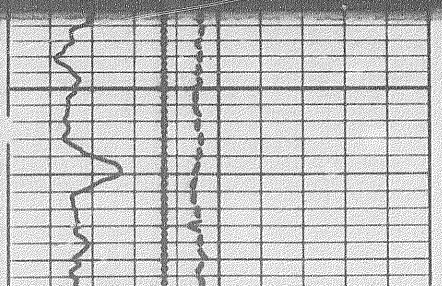




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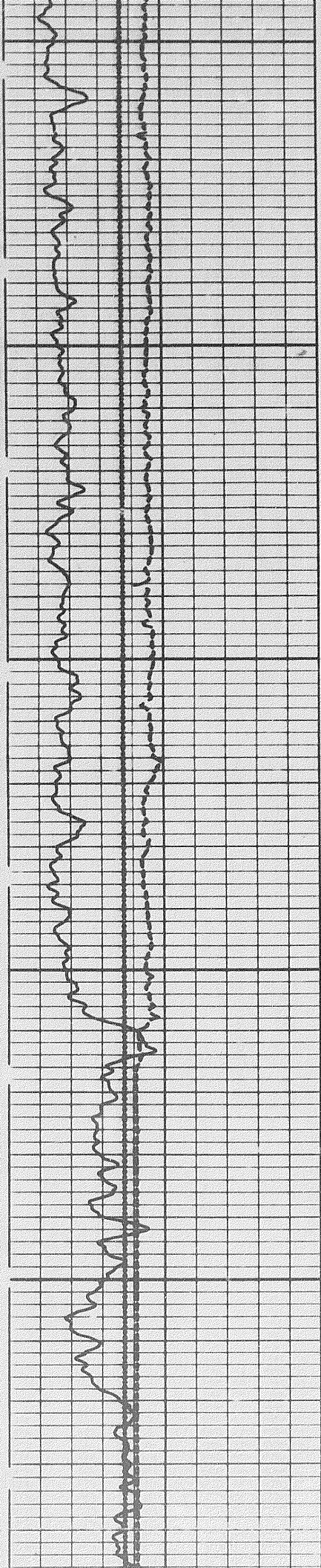
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8700

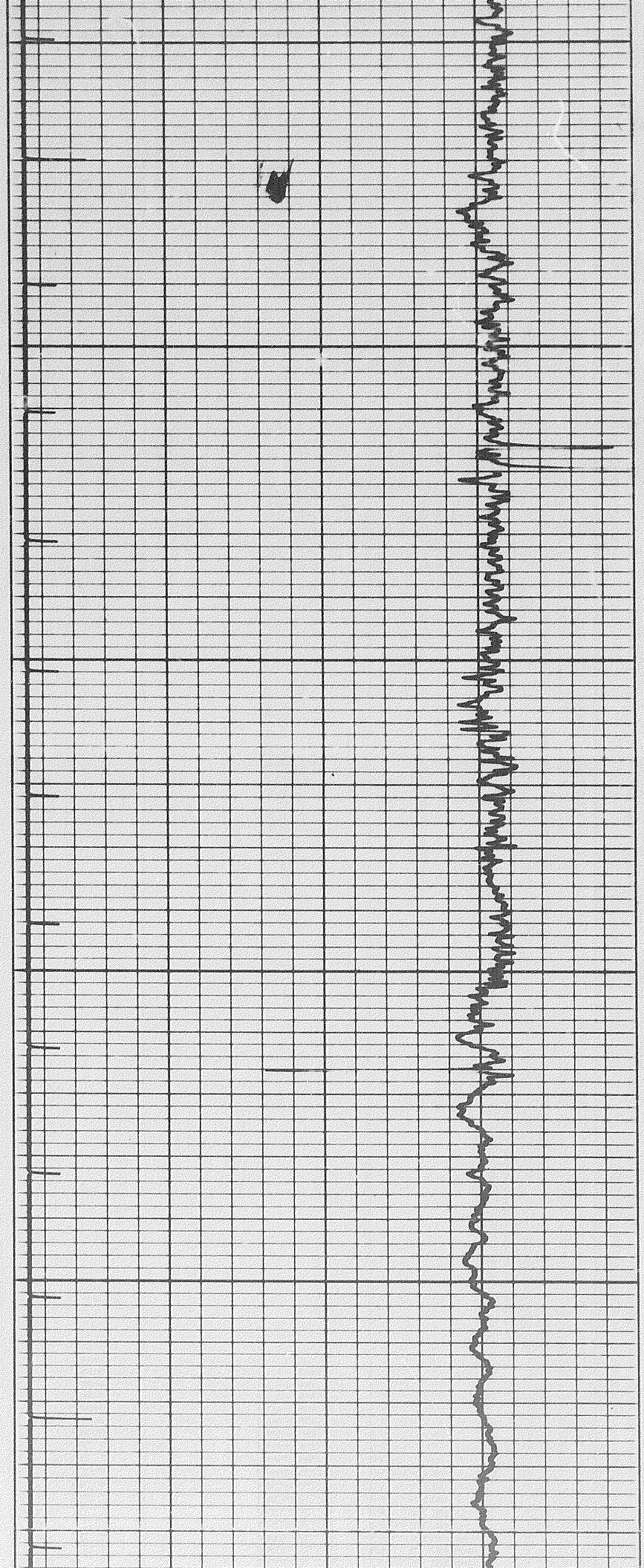


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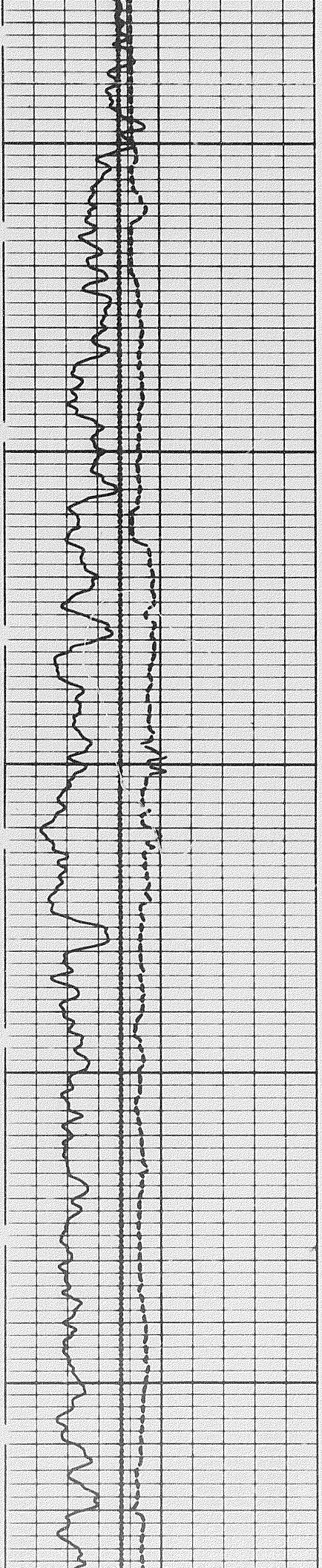


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0068



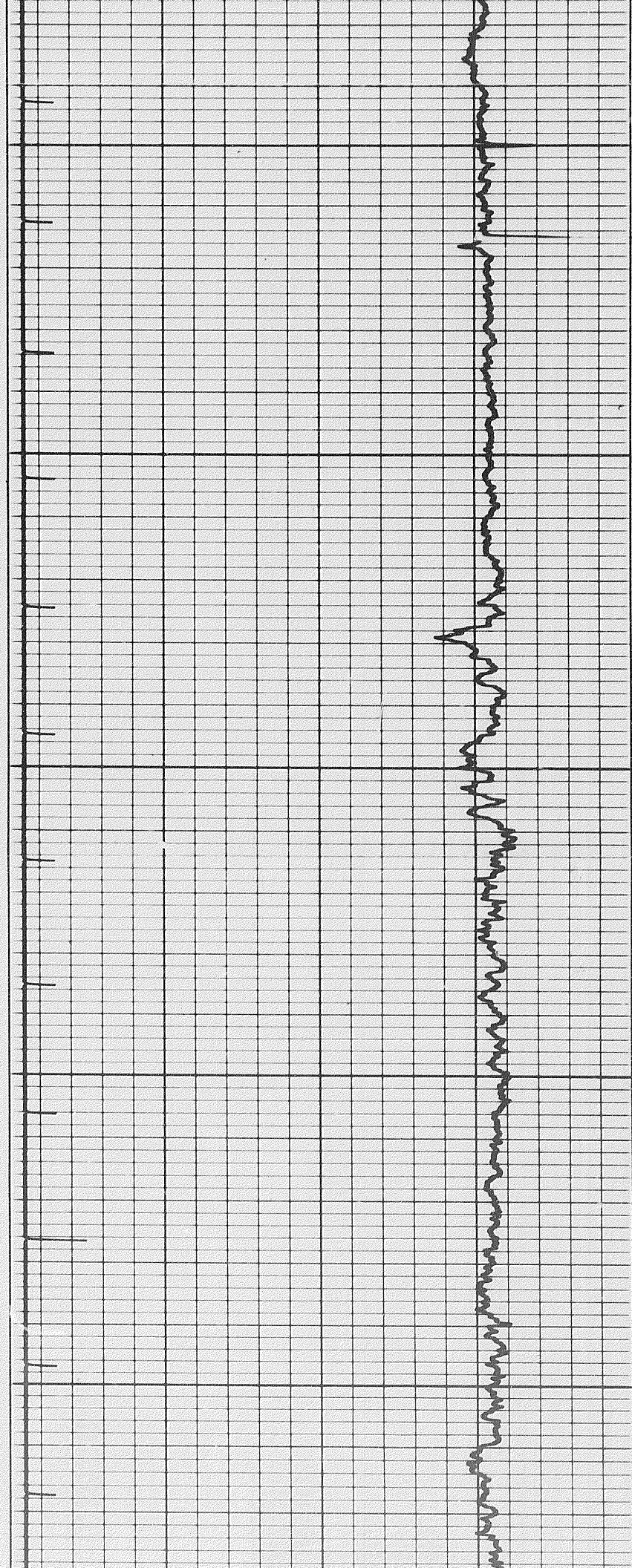
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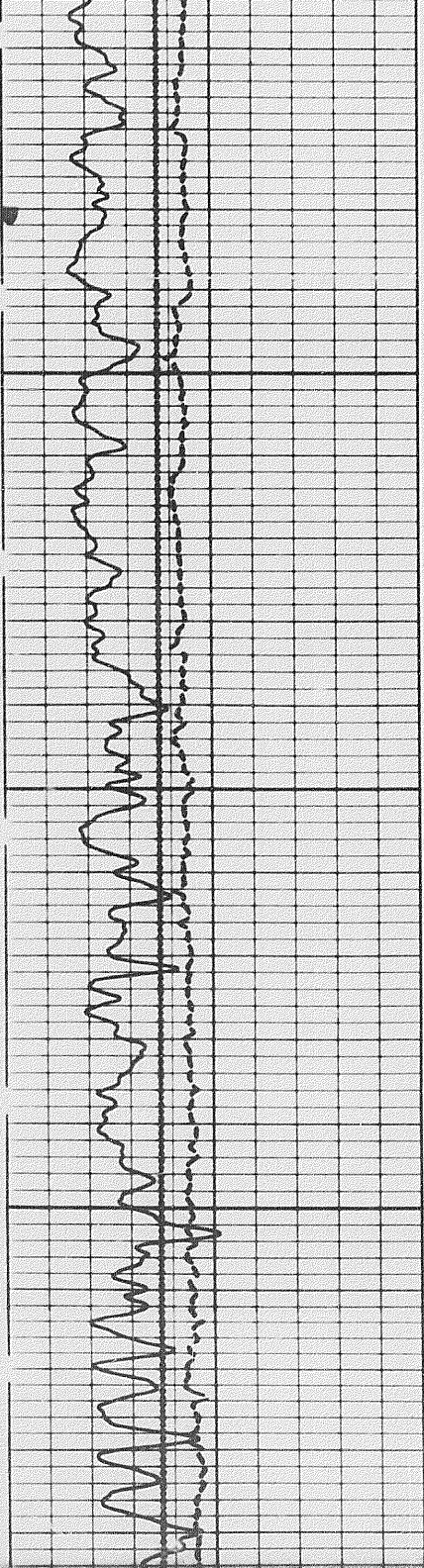


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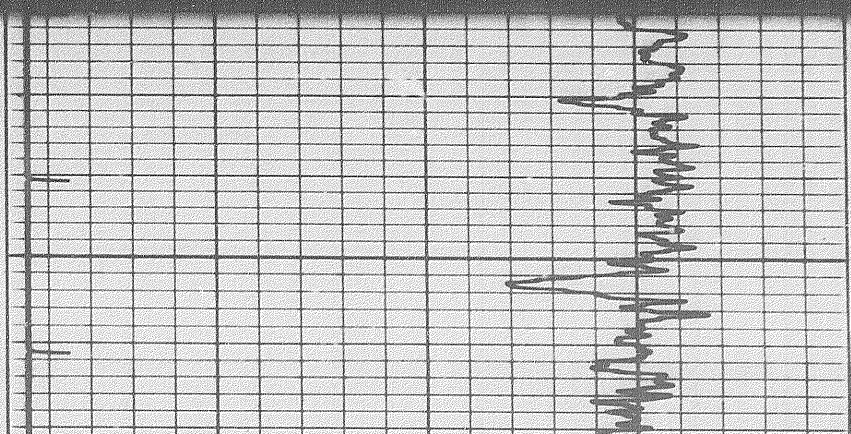
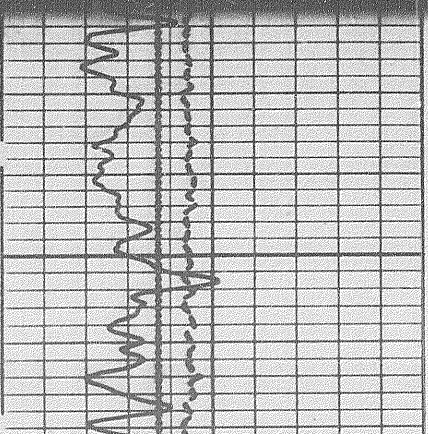
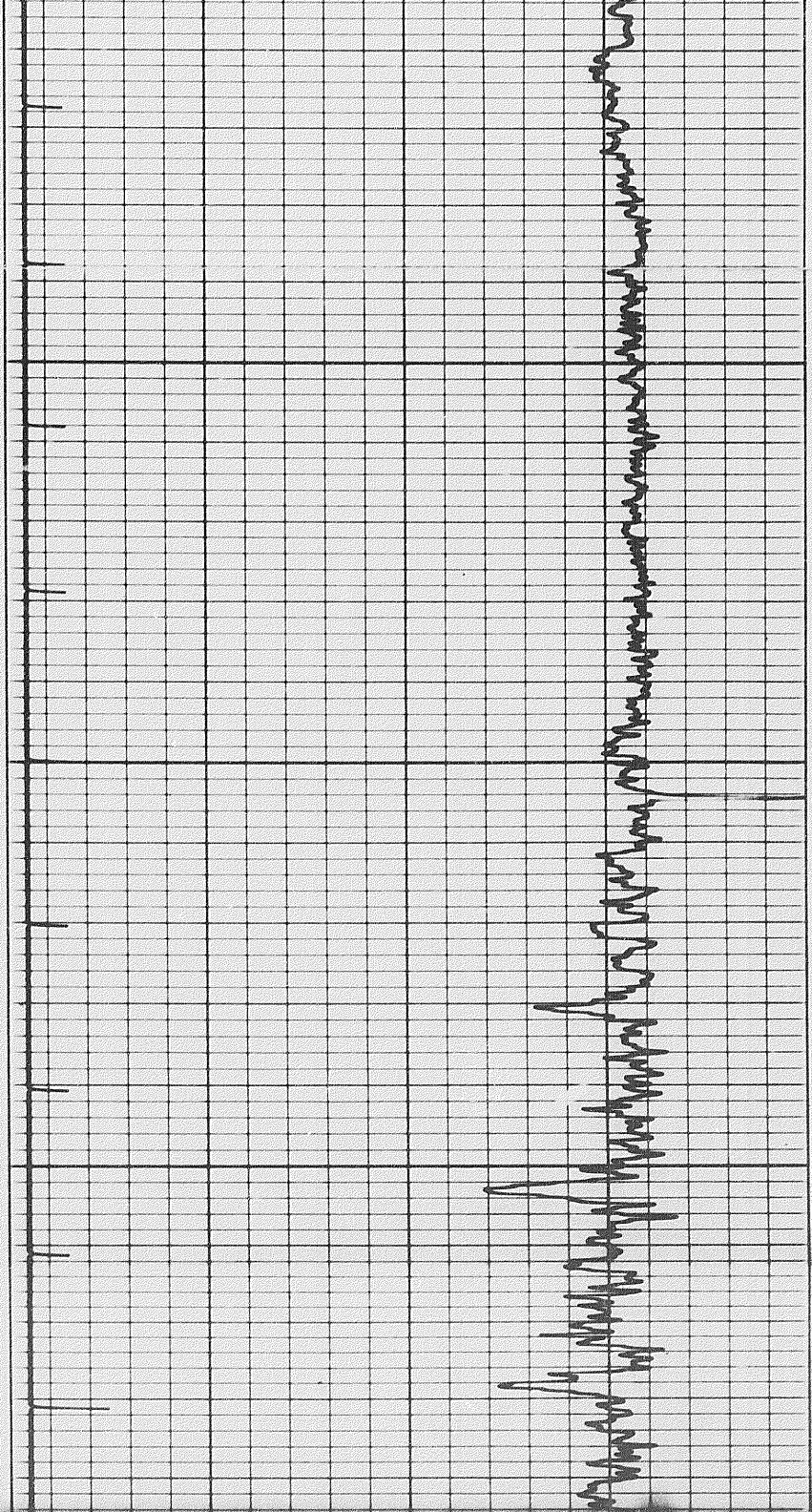
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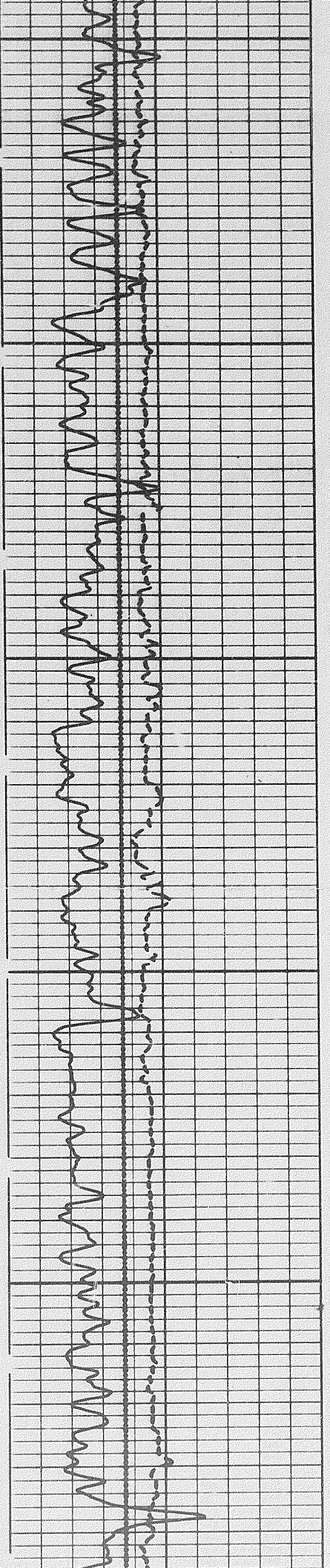
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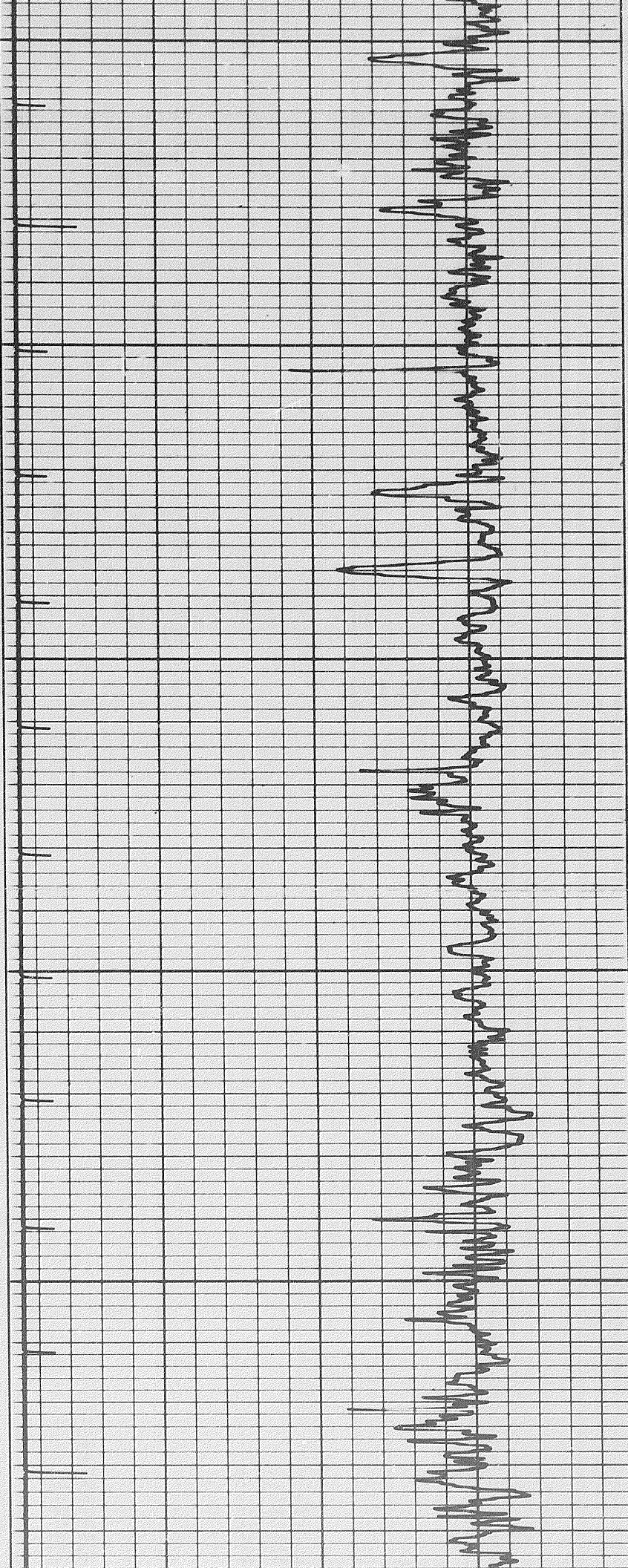
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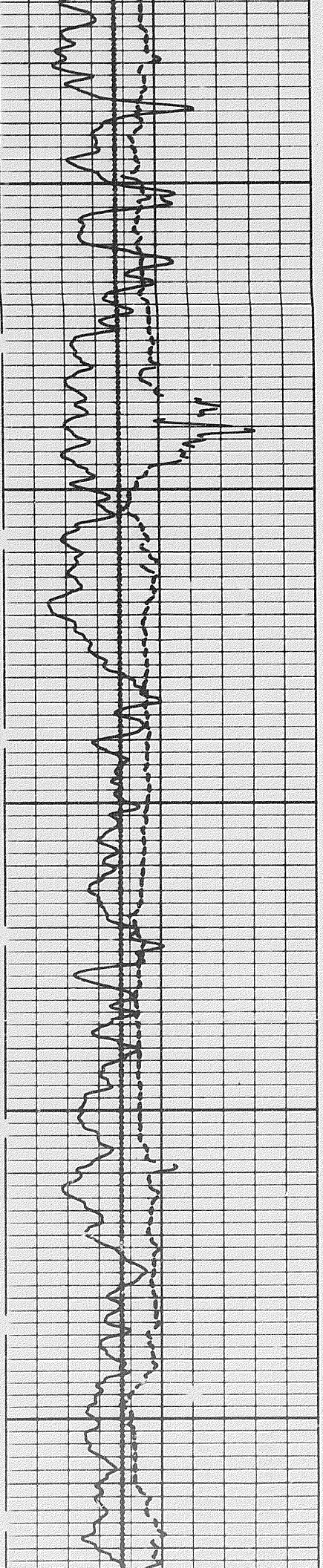


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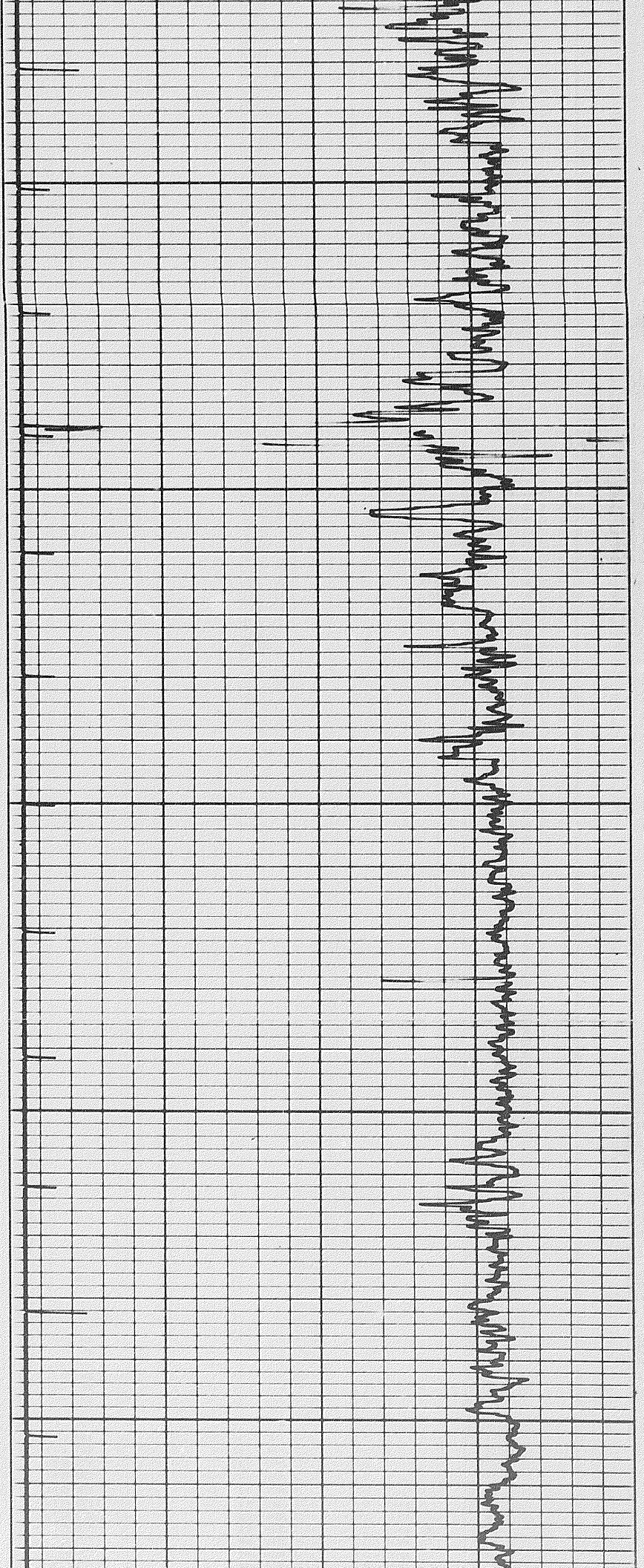
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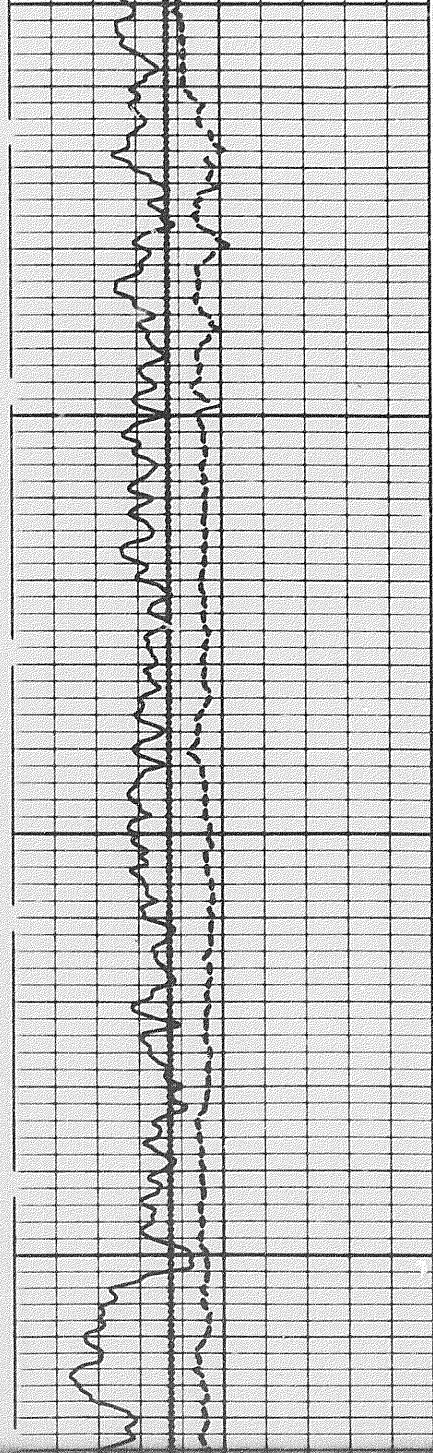


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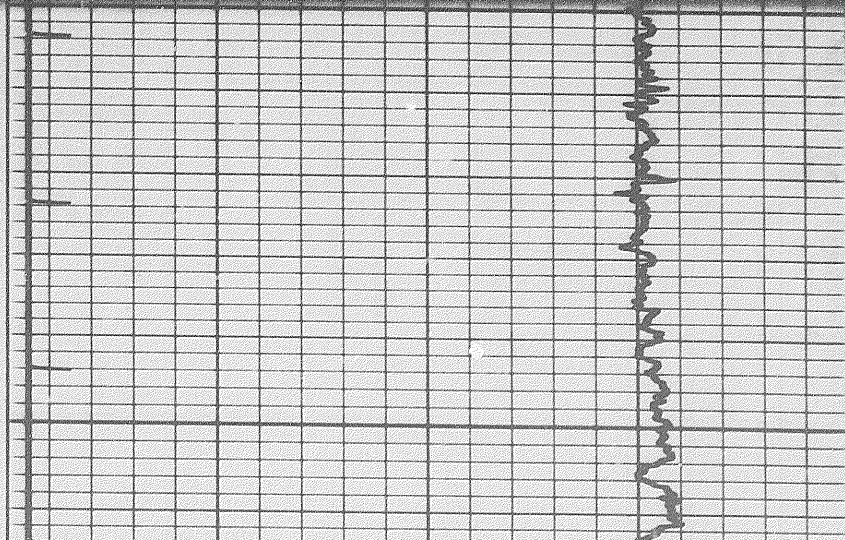
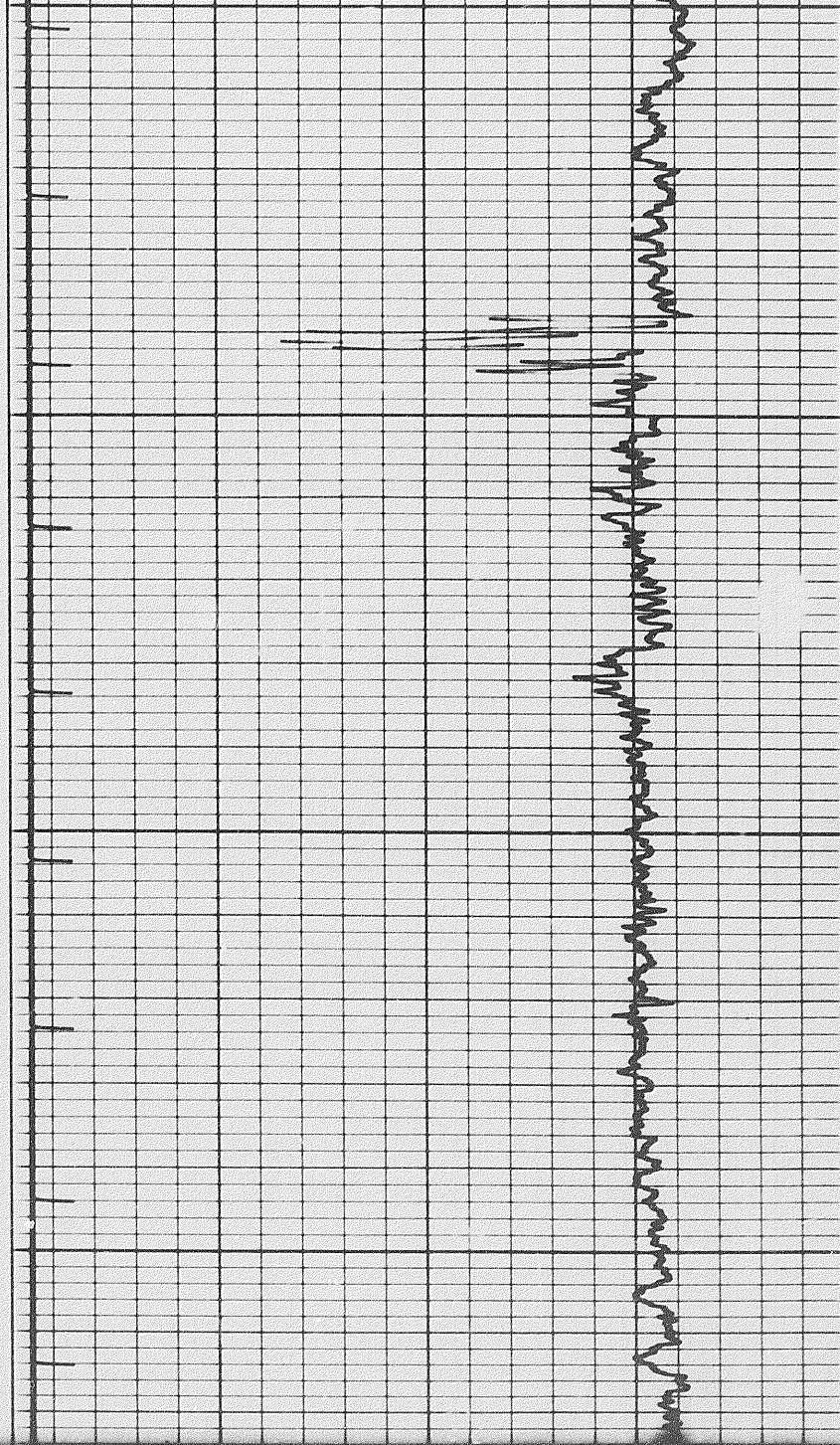
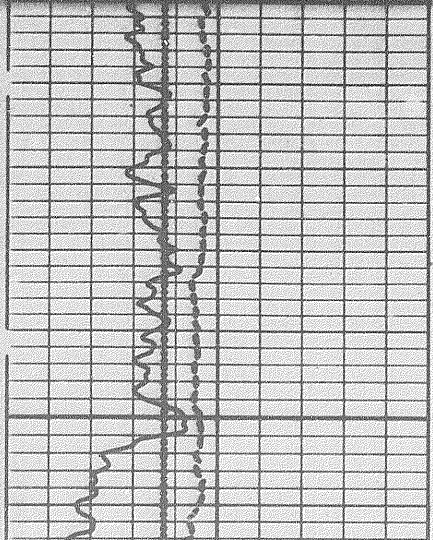
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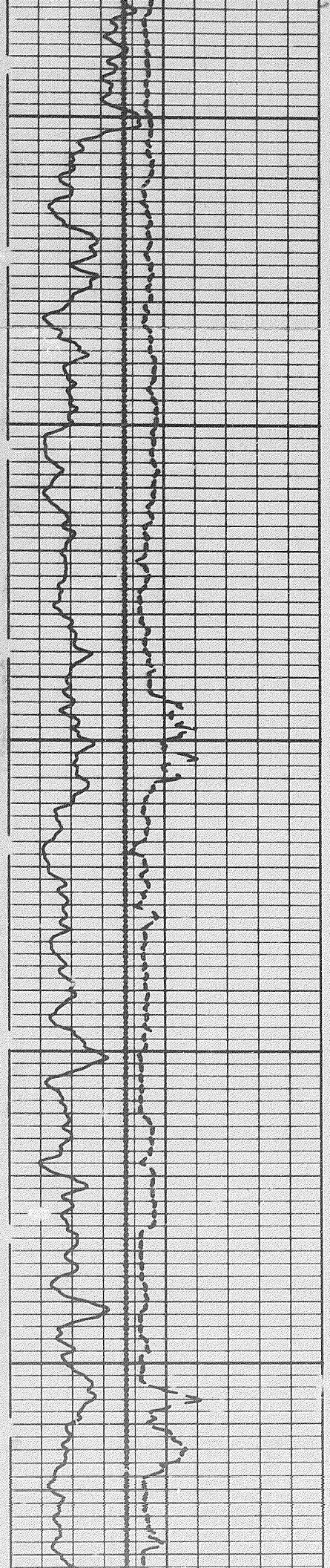




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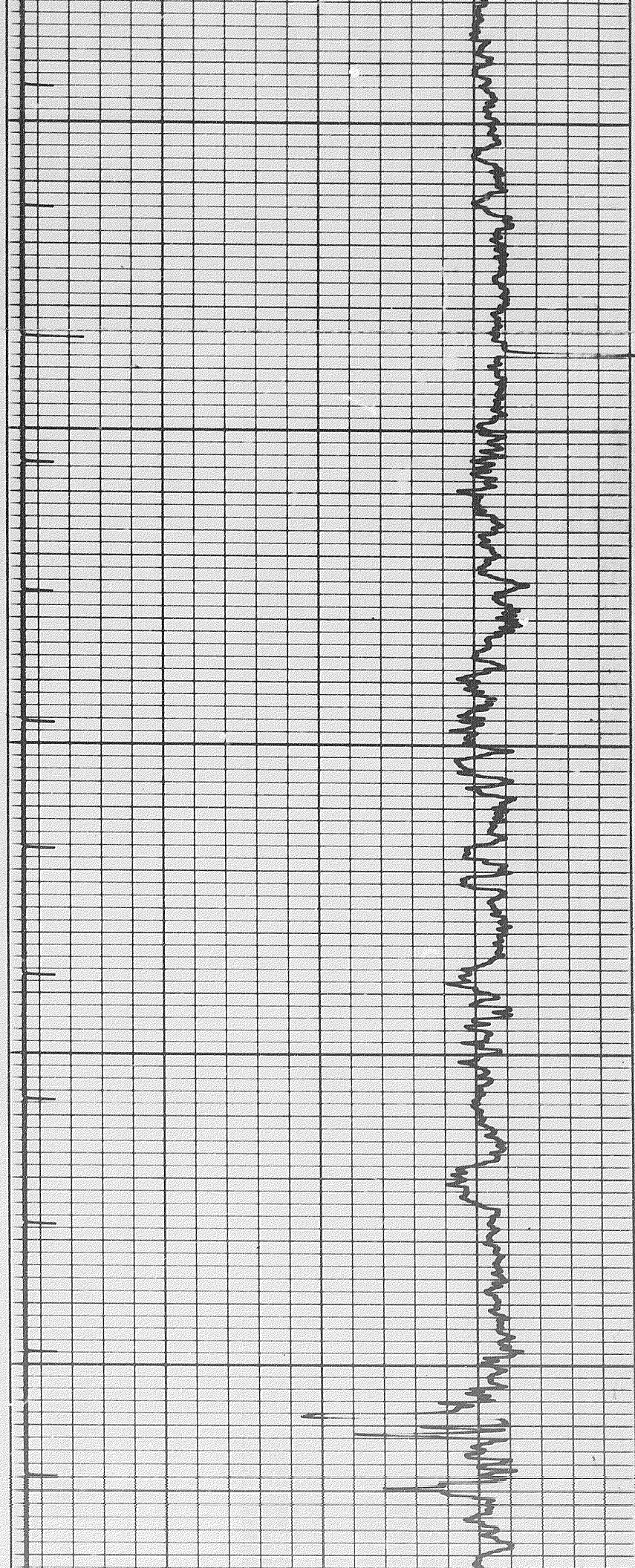
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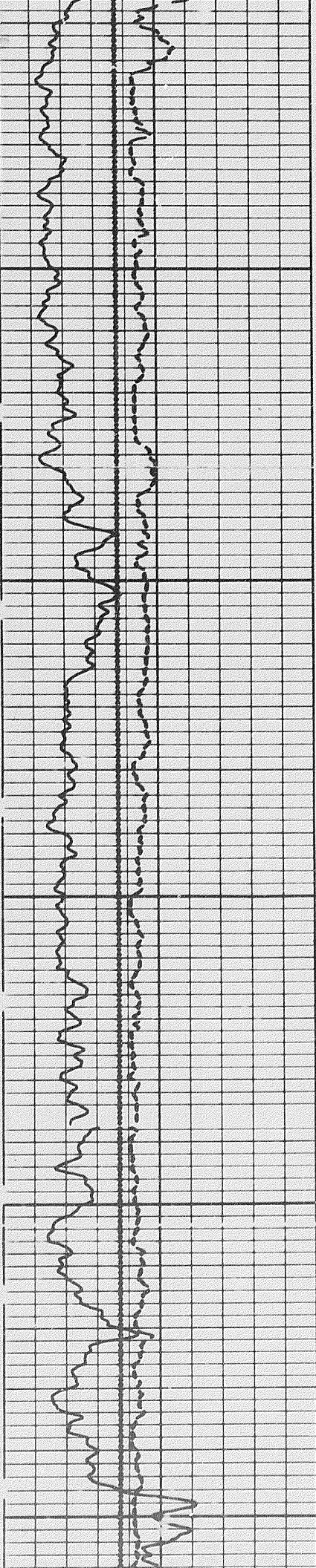


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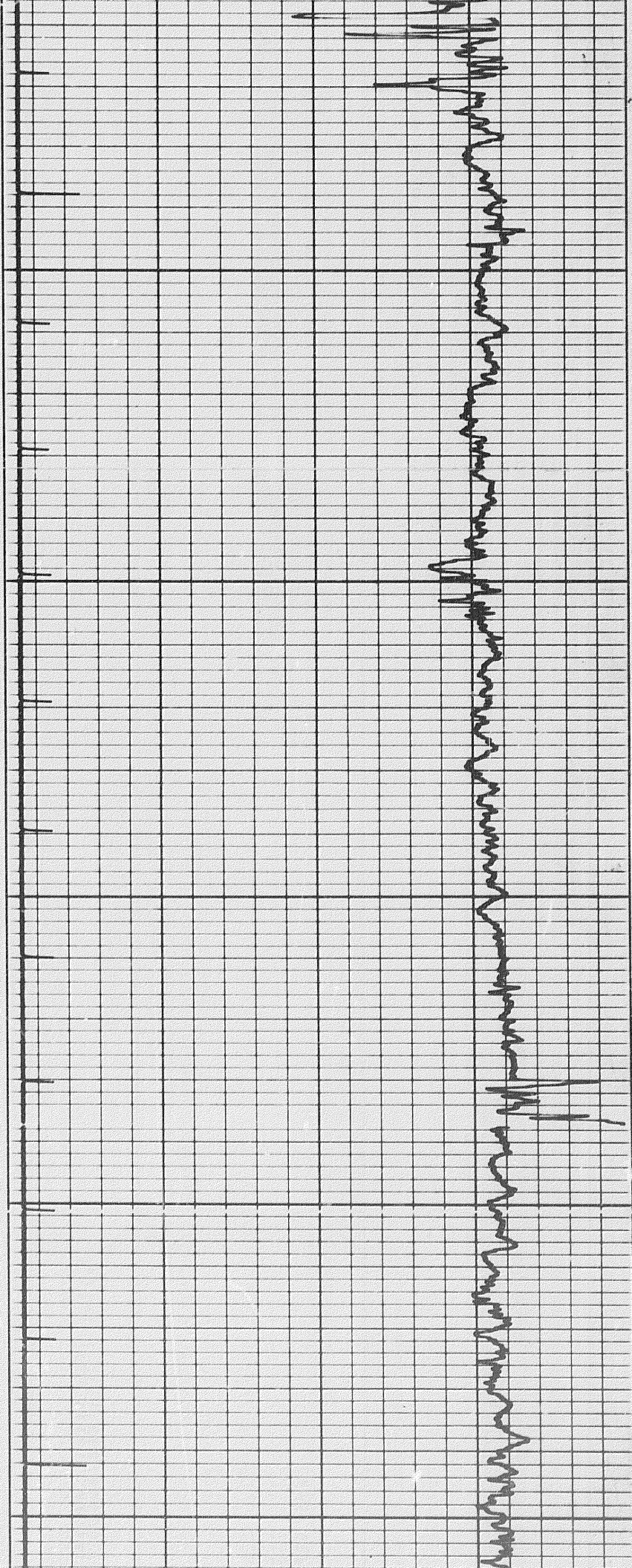
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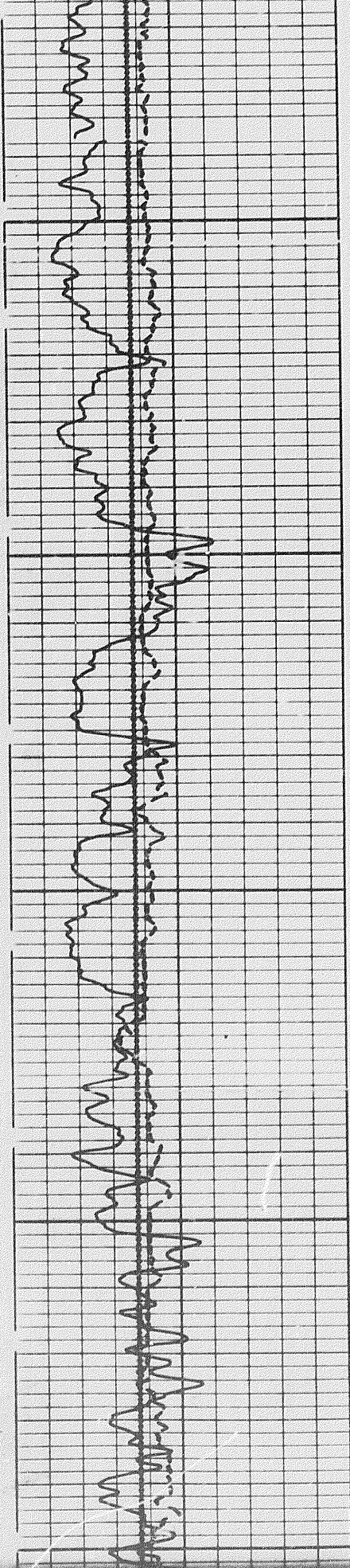


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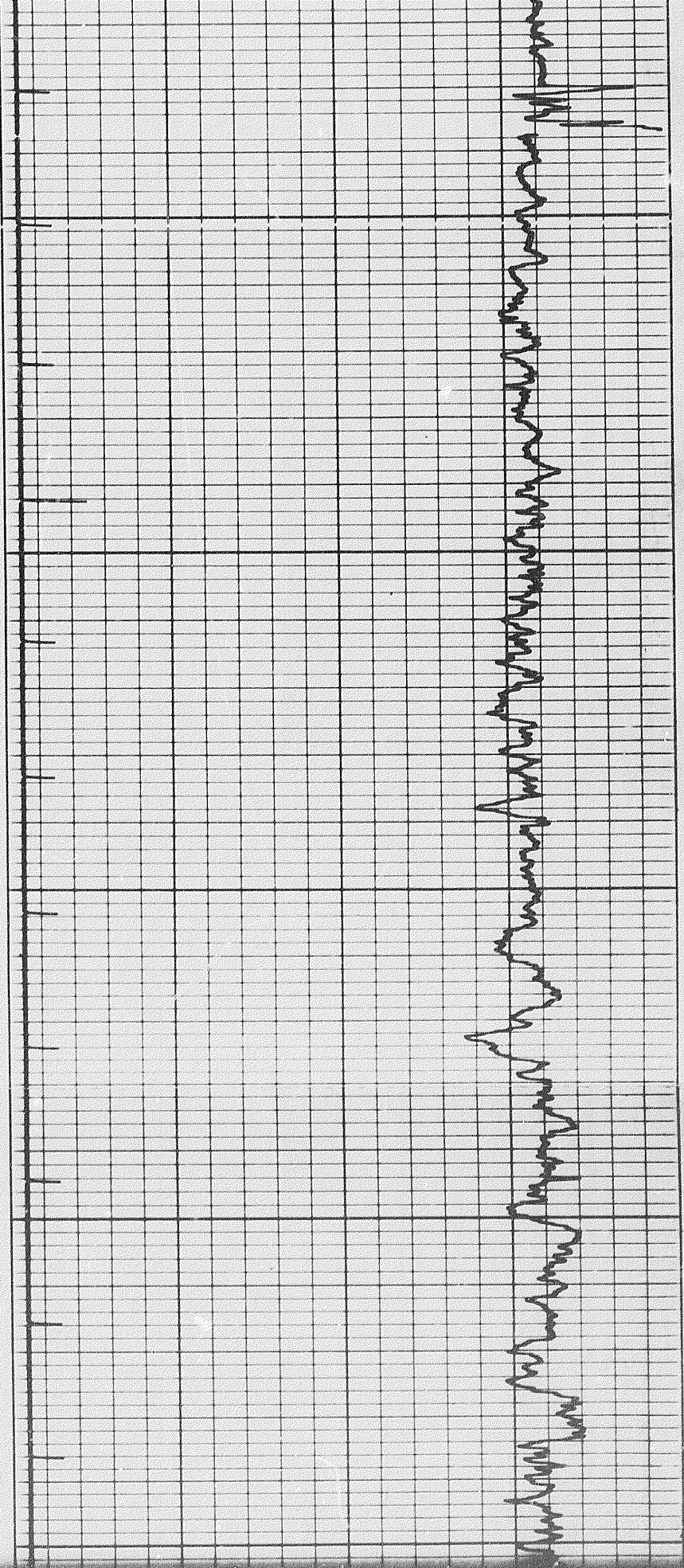
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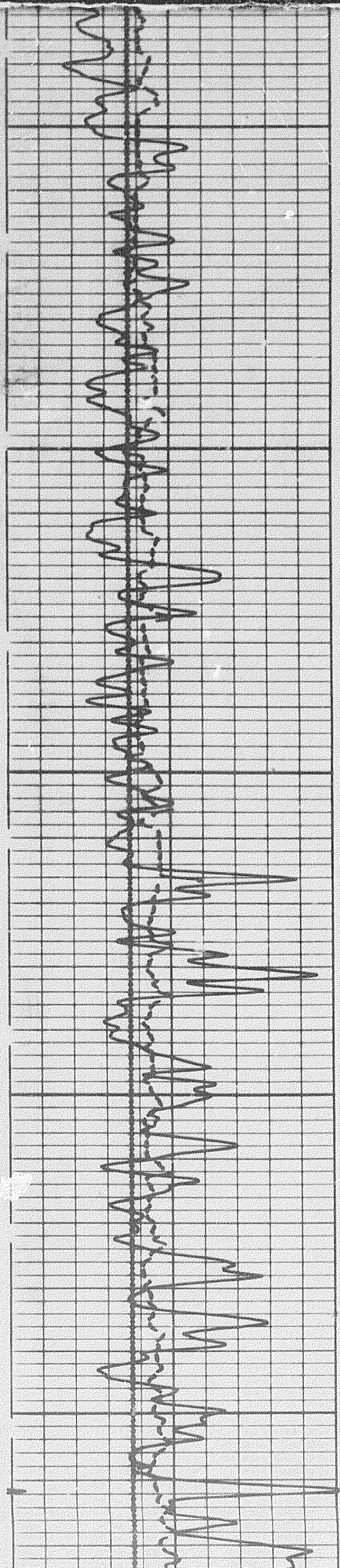




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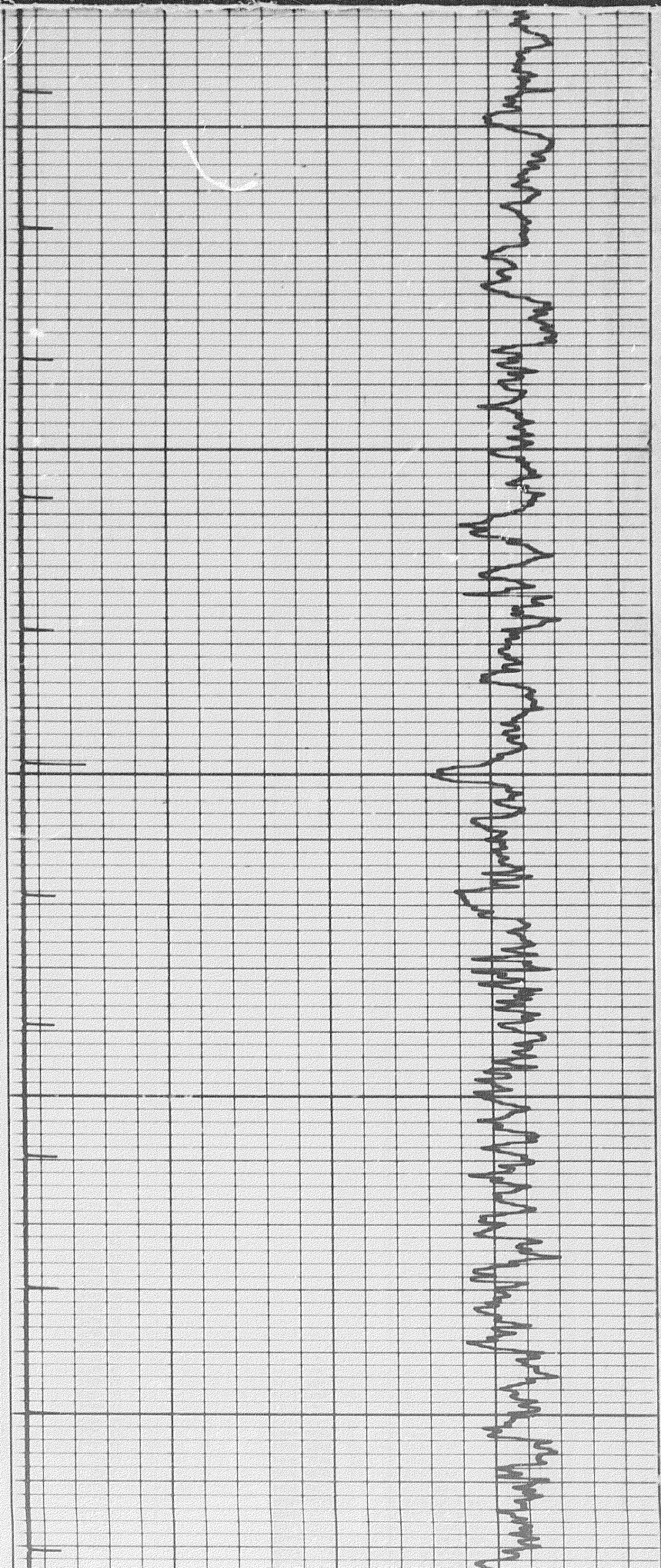




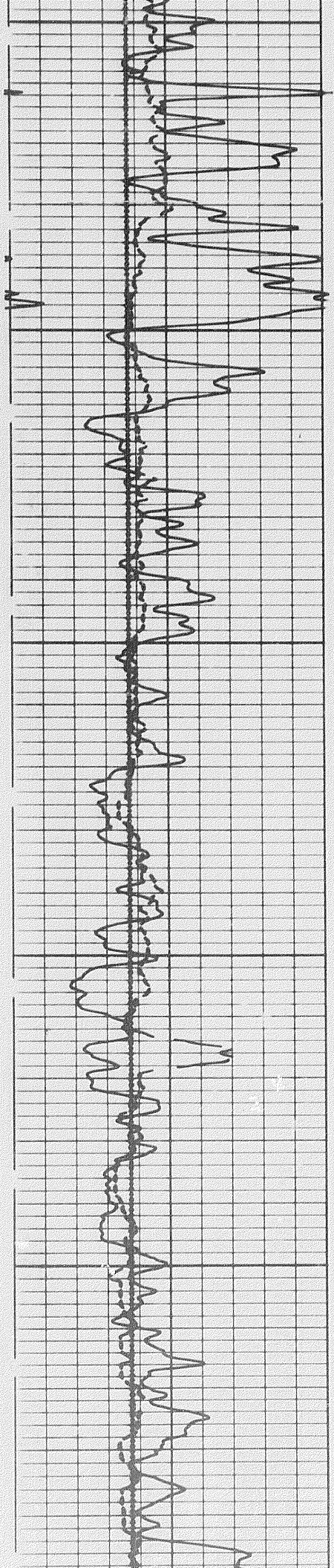
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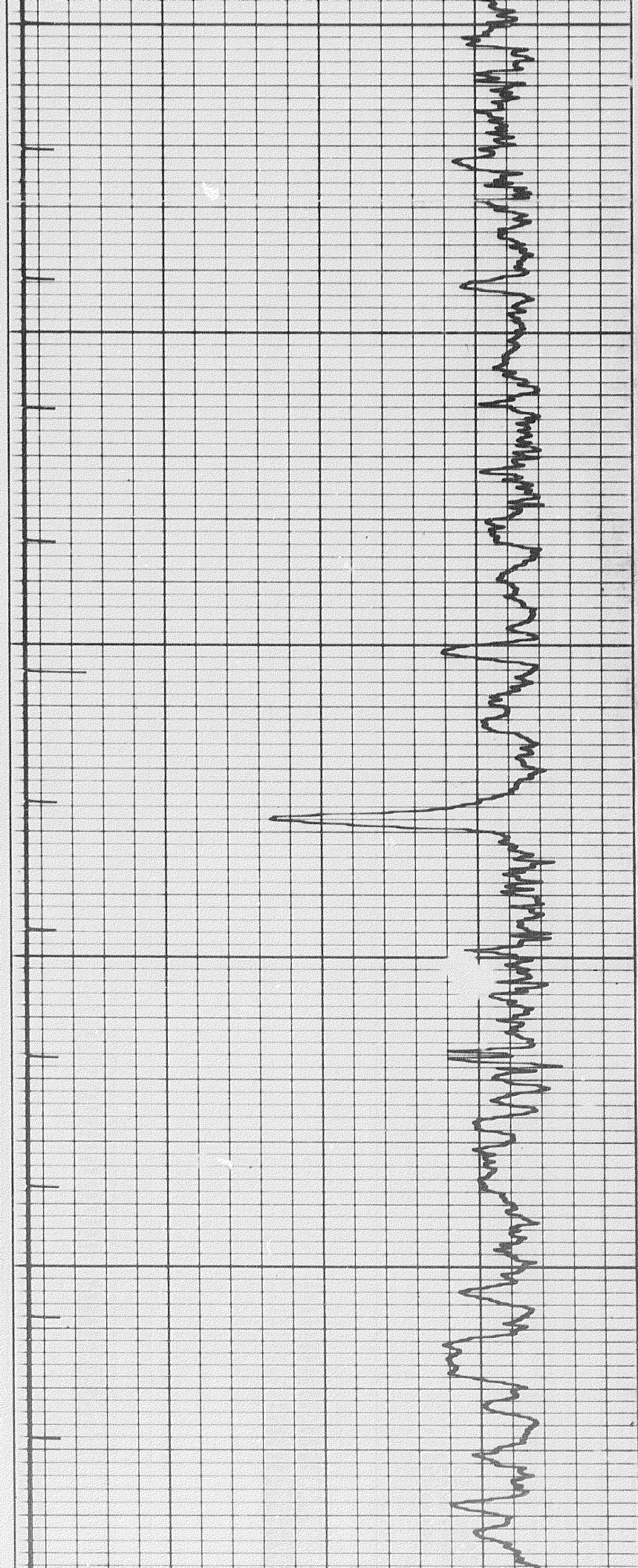
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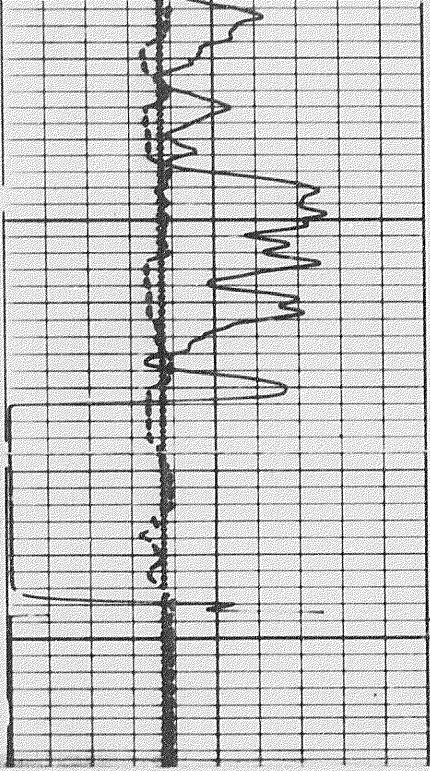


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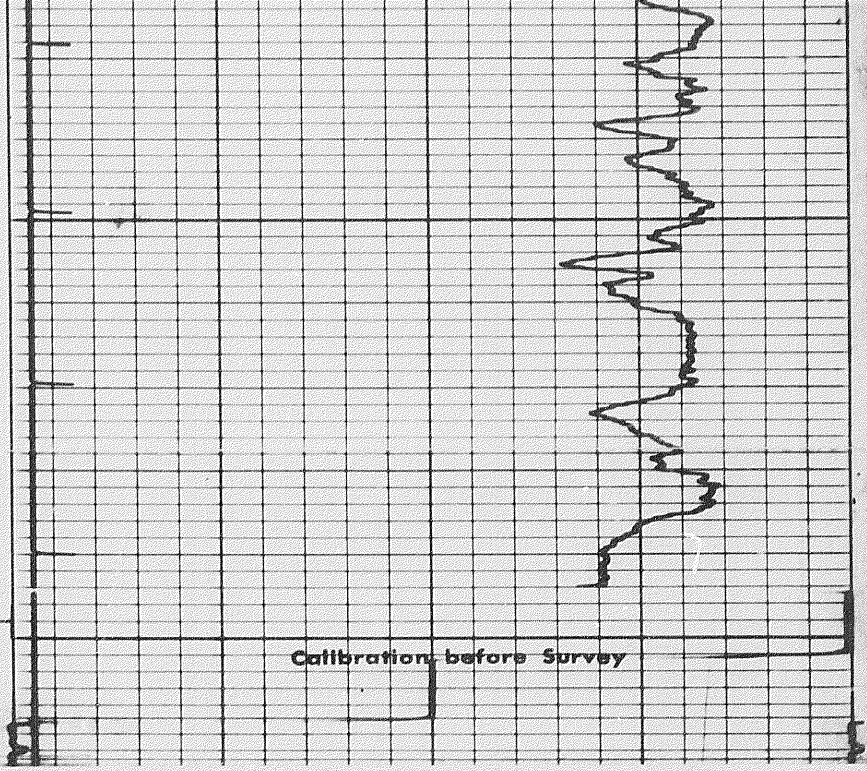
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00900

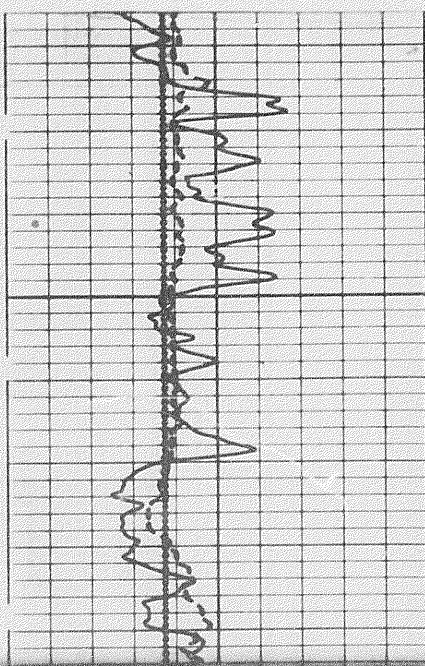




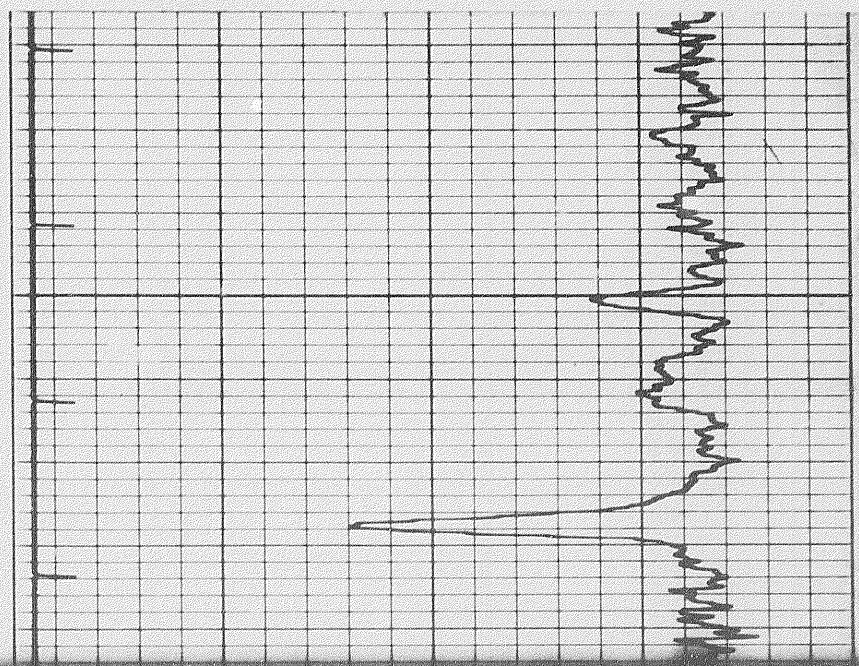
FR
0001



REPEAT SECTION



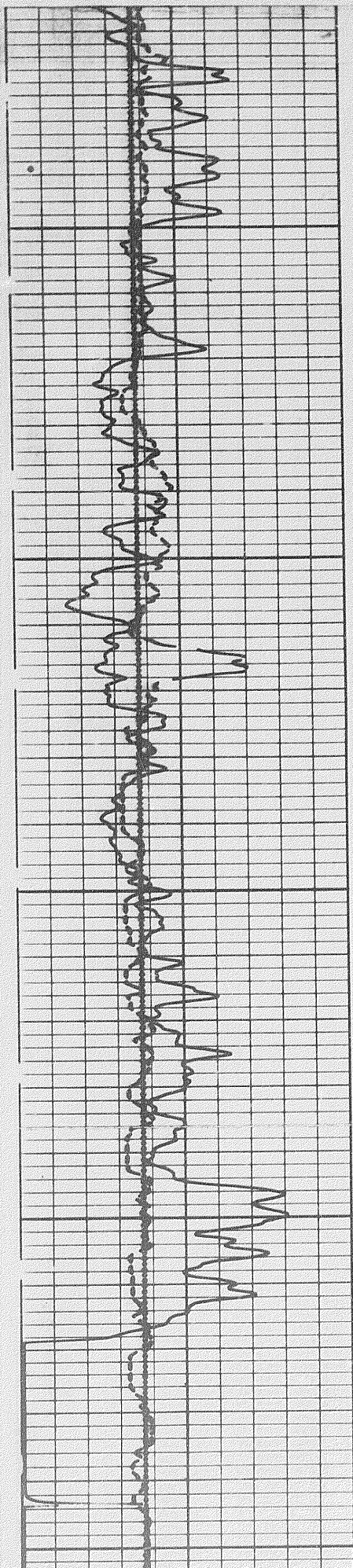
0080



REPEAT SECTION



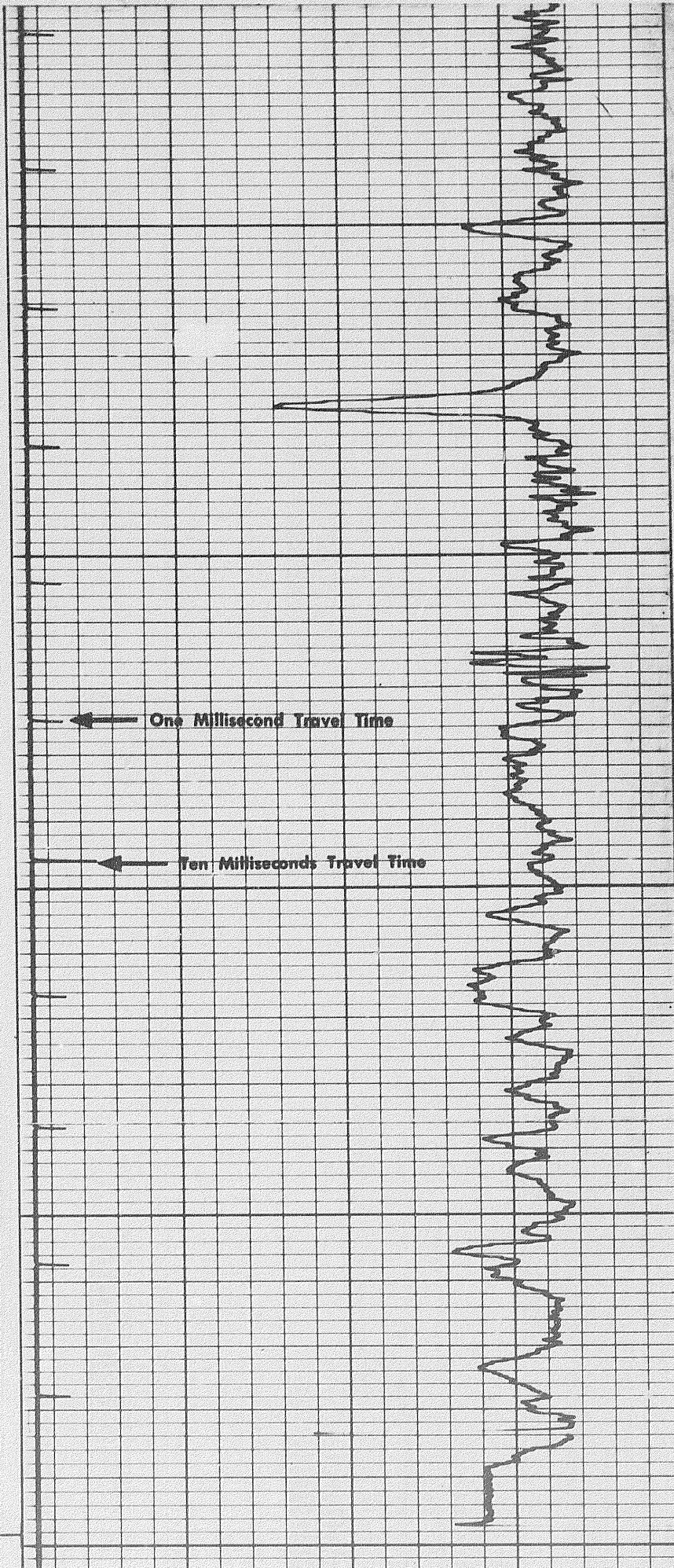
REPEAT SECTION



0080 |

0060 |

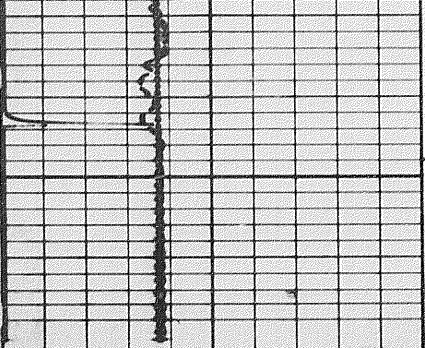
FR 0001 |



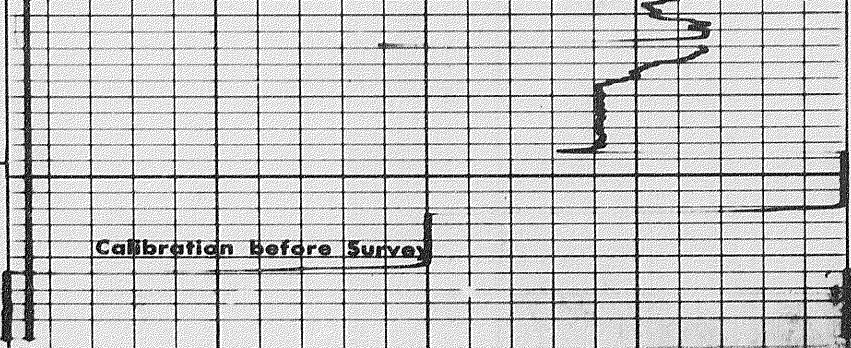
← One Millisecond Travel Time

← Ten Milliseconds Travel Time

3307



FR 1000



Calibration before Survey

6 7 8 9 10 11 12 13 14

CALIPER
hole diameter in inches

Sens. 100 T.C. 2
Zero 0 div. to left

Speeds in FPM
100 200

120

100

80

80

60

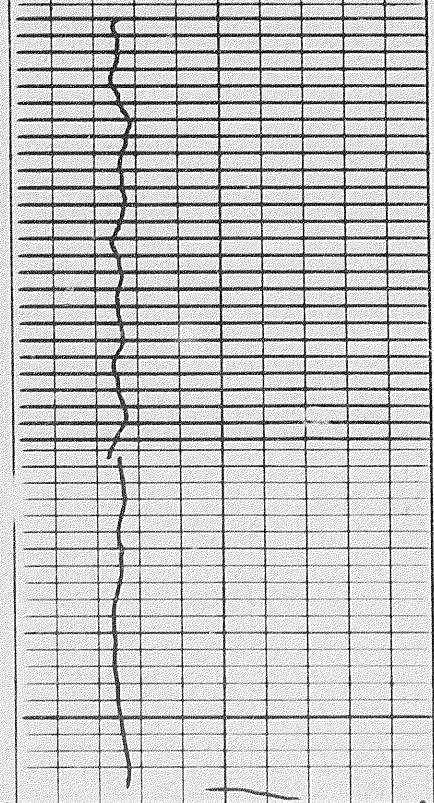
40

GAMMA RAY
API UNITS

DEPTHS

SONIC
INTERVAL TRANSIT TIME
microseconds per foot

Calibration before Survey



Run 1

0000

0000

0000

Gamma Ray Cal
@ API Units

Gamma Ray
@ API Units

Gamma Ray Background

Gamma Ray Cal
@ API Units

0000

Run 2

FR
0000

Calibration before Survey

6 7 8 9 10 11 12 13 14

CALIPER
hole diameter in inches

6 7 8 9 10 11 12 13 14

CALIPER
hole diameter in inches

Sens. 100 T.C. 2
Zero 0 div. to left

Speed in FPM

0 100
100 200

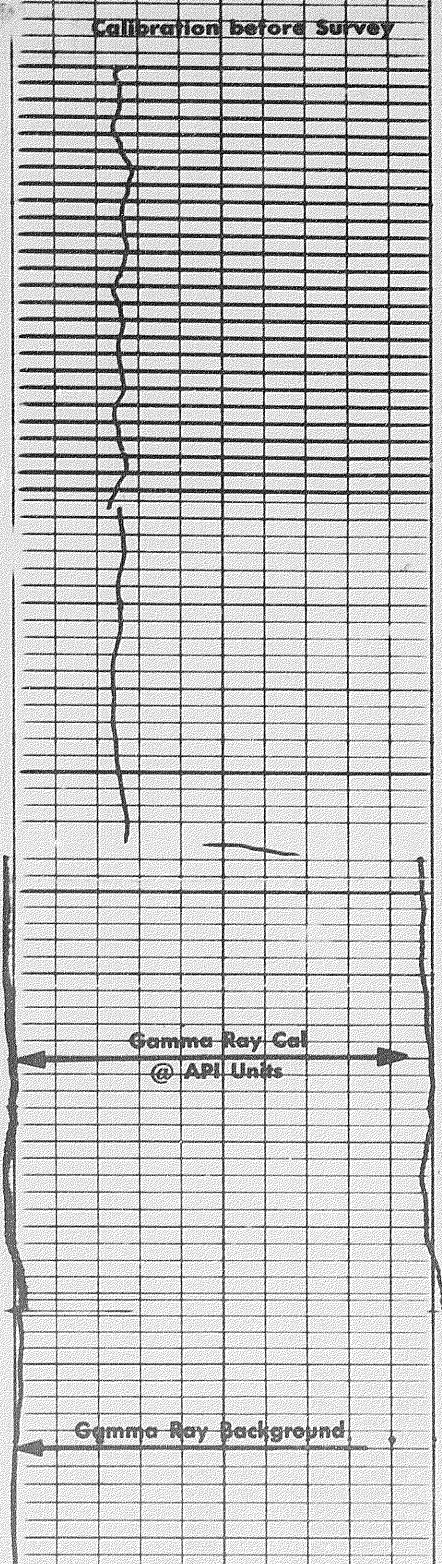
120 100 80
80 60 40

GAMMA RAY
API UNITS

DEPTHS

SONIC
INTERVAL TRANSIT TIME
microseconds per foot

Calibration before Survey

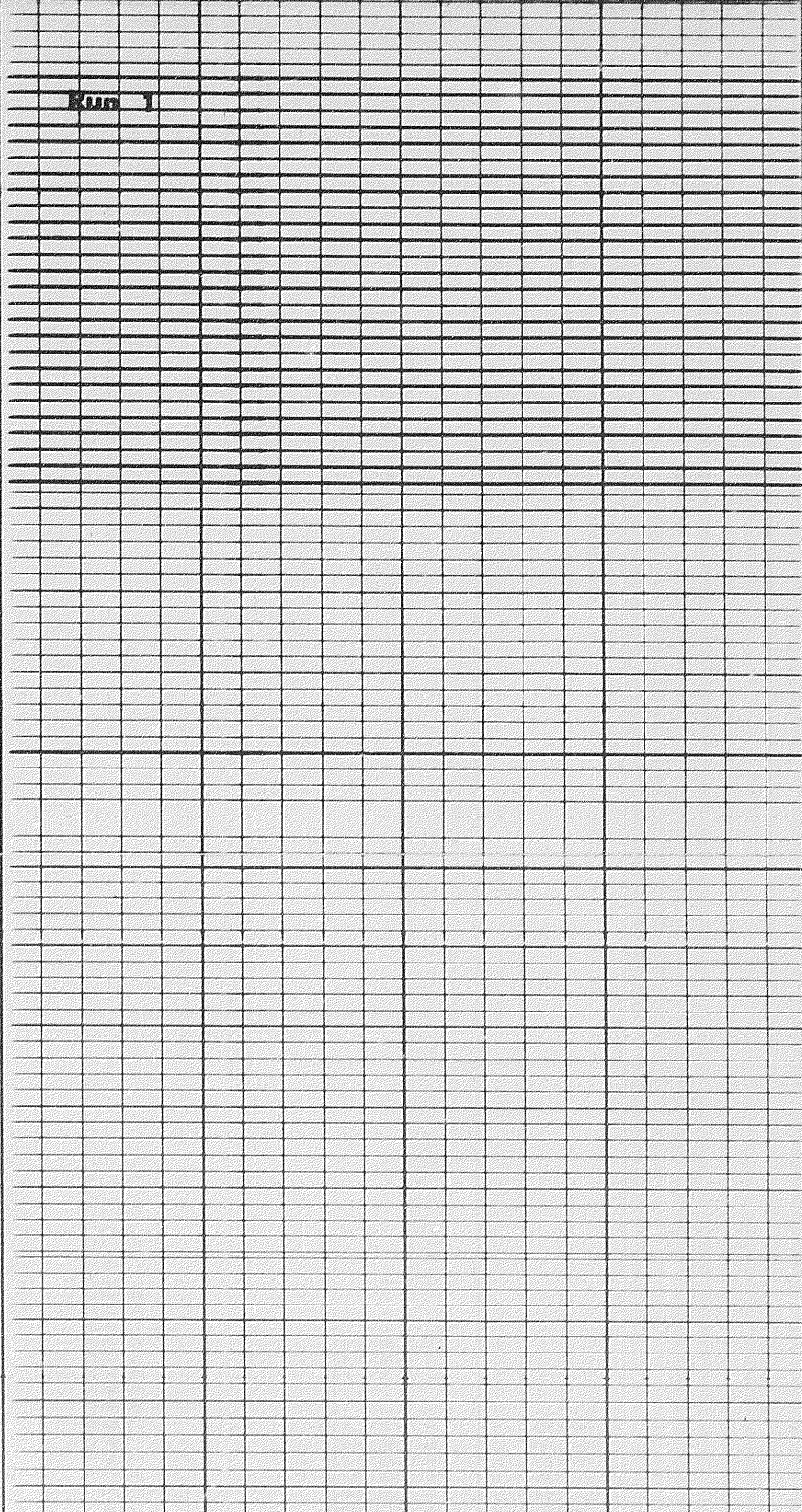


0000

0000

0000

Run 1



21.08/21

Gamma Ray Background

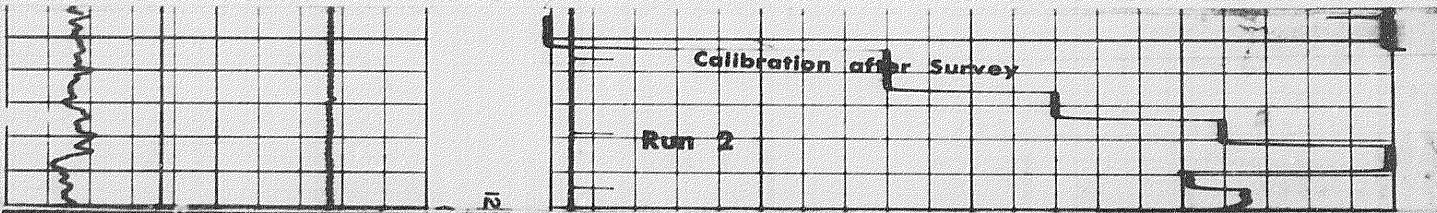
0000

Run 2

Gamma Ray Cal
@ API Units

Gamma Ray Background

OVERLAP



COMPANY CHEVRON STANDARD LIMITED

WELL CHEVRON SOBC WM N PARKIN YT D-61

FIELD WILDCAT PROVINCE YUKON TERRITORIES

Schlumberger

PROVINCE YUKON TERRITORIES

FIELD WILDCAT

WELL CHEVRON SOBC WM N PARKIN YT D-61

COMPANY CHEVRON STANDARD LIMITED

| | | |
|------------------|-----------------|---------------|
| Date | 19 JAN 72 | 29 APR 72 |
| Run No. | ONE | TWO |
| First Reading | 1201 | 10993 |
| Lost Reading | 0 | 1202 |
| Feet Measured | 1201 | 9791 |
| Depth Reached | 1207 | 11000 |
| Bottom Driller | 1210 | 1202 |
| Csg. Driller | 146 | 1202 |
| Mud Nature | GEL-FRESH WATER | GEL |
| Dens. Visc. | 9.3 60 | 11.0 320 |
| Mud pH | - | 9.5 |
| Water Loss | - | 5.7 |
| Res. | 7.15 | 63 |
| Rmf | - | 2.32 |
| BHT | 7.15 | 62 |
| Rmc | - | 3.29 |
| Source of Sample | CIRCULATED | CIRCULATED |
| Bit Size | 17 1/2" | 8 3/4" |
| Op. Rig Time | 3 HRS | 4.5 HRS |
| Truck No. | OSU-C-108 REM | OSU-C-108 REM |
| Recorded By | WILSON | STUEHMER |
| Witness | POLLARD | POLLARD |

COMPANY CHEVRON STANDARD LIMITED

WELL CHEVRON SOBC WM N PARKIN YT D-61

FIELD WILDCAT

PROVINCE YUKON TERRITORIES

LOCATION 66° 20' 12" N LAT
137° 13' 01" W LONG

Permanent Datum 61 Elev. 1590

Log Measured From KB 15 Ft. Above Perm. Datum

